

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088827.D
 Acq On : 8 Jul 2016 15:58
 Operator : UM/SJ
 Sample : PB91873BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Manual Integrations
 APPROVED

UMANGI
 7/10/2016 12:33:49 AM

Quant Time: Jul 08 19:37:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84138	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	345084	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	167261	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	329712	20.00	ng	0.00
75) Chrysene-d12	13.87	240	222025	20.00	ng	0.00
86) Perylene-d12	15.25	264	178902	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	631776	112.53	ng	0.01
7) Phenol-d6	6.38	99	777003	107.11	ng	0.00
23) Nitrobenzene-d5	7.30	82	537819	81.67	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	236397	152.20	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	893351	84.37	ng	0.00
78) Terphenyl-d14	12.82	244	884013	88.68	ng	0.00

Target Compounds						Qvalue
3) Pyridine	2.99	79	224899	27.85	ng	90
4) n-Nitrosodimethylamine	2.95	42	99490	32.24	ng	91
6) Aniline	6.40	93	267466	25.30	ng	# 87
8) 2-Chlorophenol	6.51	128	233721	38.74	ng	94
9) Benzaldehyde	6.27	77	147156	29.95	ng	90
10) Phenol	6.39	94	241423	29.16	ng	# 45
11) bis(2-Chloroethyl)ether	6.48	93	240135	38.90	ng	# 81
12) 1,3-Dichlorobenzene	6.67	146	253293	38.15	ng	98
13) 1,4-Dichlorobenzene	6.75	146	259123	39.32	ng	99
14) 1,2-Dichlorobenzene	6.90	146	232770m	37.73	ng	
15) Benzyl Alcohol	6.88	79	203527	38.12	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	272510	30.48	ng	89
17) 2-Methylphenol	7.00	107	211062	42.88	ng	98
18) Hexachloroethane	7.24	117	97636	38.30	ng	# 87
19) n-Nitroso-di-n-propylamine	7.15	70	175490	36.02	ng	92
20) 3+4-Methylphenols	7.15	107	232710	39.39	ng	93
22) Acetophenone	7.14	105	346346	41.35	ng	# 90
24) Nitrobenzene	7.31	77	245030	36.91	ng	# 82
25) Isophorone	7.56	82	487984	40.01	ng	98
26) 2-Nitrophenol	7.63	139	117634	43.21	ng	97
27) 2,4-Dimethylphenol	7.68	122	208775	36.82	ng	87
28) bis(2-Chloroethoxy)methane	7.78	93	313572	39.50	ng	97
29) 2,4-Dichlorophenol	7.88	162	200551	43.76	ng	91
30) 1,2,4-Trichlorobenzene	7.96	180	211749	42.10	ng	97
31) Naphthalene	8.04	128	701028	41.21	ng	98
32) Benzoic acid	7.82	122	136768	33.22	ng	92
33) 4-Chloroaniline	8.09	127	180472	23.84	ng	98
34) Hexachlorobutadiene	8.16	225	108878	40.43	ng	98
35) Caprolactam	8.47	113	76972m	49.45	ng	
36) 4-Chloro-3-methylphenol	8.58	107	237522	43.83	ng	93
37) 2-Methylnaphthalene	8.73	142	472030	43.09	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	198346	35.65	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	198372	72.65	ng	99
42) 2,4,6-Trichlorophenol	9.02	196	143172	39.03	ng	99

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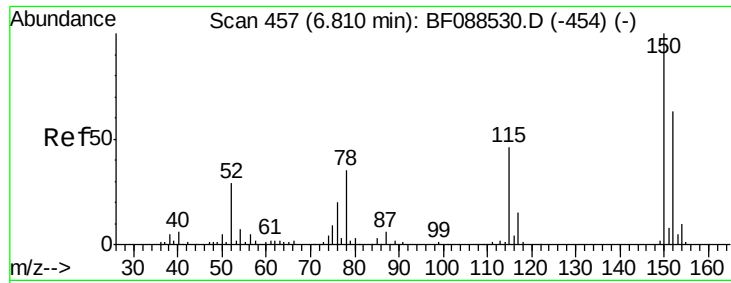
Manual Integrations
 APPROVED

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 7/10/2016 12:33:49 AM

Quant Time: Jul 08 19:37:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	145917	46.24	ng	# 92
45) 1,1'-Biphenyl	9.20	154	569624	41.13	ng	96
46) 2-Chloronaphthalene	9.22	162	432790	39.80	ng	94
47) 2-Nitroaniline	9.31	65	148628	38.52	ng	95
48) Acenaphthylene	9.63	152	739138	42.72	ng	99
49) Dimethylphthalate	9.51	163	548650	46.04	ng	98
50) 2,6-Dinitrotoluene	9.56	165	118398	44.83	ng	# 87
51) Acenaphthene	9.80	154	526036m	49.60	ng	
52) 3-Nitroaniline	9.72	138	88177	26.26	ng	99
53) 2,4-Dinitrophenol	9.84	184	129237	110.83	ng	# 73
54) Dibenzofuran	9.98	168	650727	46.88	ng	# 91
55) 4-Nitrophenol	9.90	139	170973	67.01	ng	93
56) 2,4-Dinitrotoluene	9.96	165	173714	50.31	ng	# 65
57) Fluorene	10.32	166	489547	45.77	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	114716	46.98	ng	# 48
59) Diethylphthalate	10.20	149	560104	46.84	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	196427	39.52	ng	89
61) 4-Nitroaniline	10.34	138	138267	42.80	ng	89
62) Azobenzene	10.47	77	595706	43.67	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	73223	41.52	ng	89
65) n-Nitrosodiphenylamine	10.43	169	464142	41.59	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	145725	43.86	ng	98
67) Hexachlorobenzene	10.86	284	138639	37.69	ng	92
68) Atrazine	10.96	200	129229	37.17	ng	91
69) Pentachlorophenol	11.05	266	153927	70.71	ng	96
70) Phenanthrene	11.27	178	675328	37.47	ng	99
71) Anthracene	11.32	178	791232	44.15	ng	98
72) Carbazole	11.47	167	612987	36.34	ng	99
73) Di-n-butylphthalate	11.82	149	875392	44.62	ng	99
74) Fluoranthene	12.44	202	673353	36.85	ng	98
76) Benzidine	12.57	184	320834	28.59	ng	98
77) Pyrene	12.67	202	694617	36.90	ng	100
79) Butylbenzylphthalate	13.30	149	334478	39.83	ng	# 80
80) Benzo(a)anthracene	13.86	228	595912	41.68	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	139567	25.97	ng	99
82) Chrysene	13.90	228	566568	40.06	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	408550	42.62	ng	97
84) Di-n-octyl phthalate	14.48	149	701969	43.10	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.55	276	459435	42.22	ng	# 100
87) Benzo(b)fluoranthene	14.87	252	577858m	51.49	ng	
88) Benzo(k)fluoranthene	14.89	252	377129m	38.60	ng	
89) Benzo(a)pyrene	15.19	252	431160	45.38	ng	99
90) Dibenzo(a,h)anthracene	16.57	278	379096	47.78	ng	# 93
91) Benzo(g,h,i)perylene	16.95	276	384990	46.89	ng	# 93

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



#1

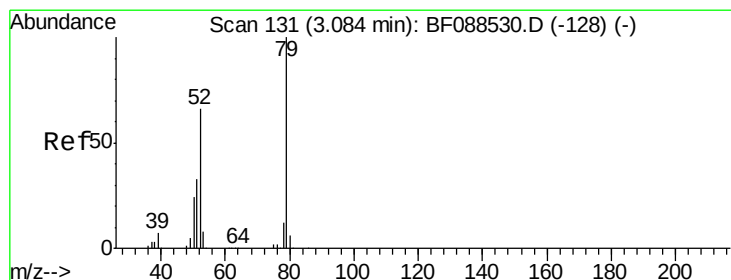
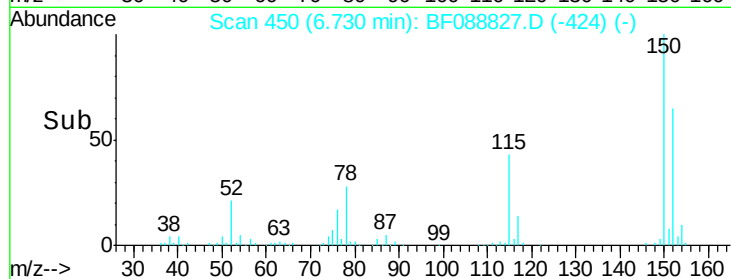
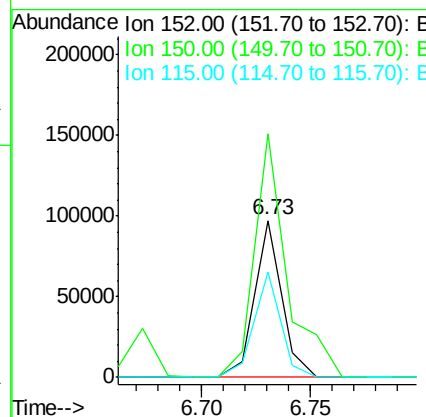
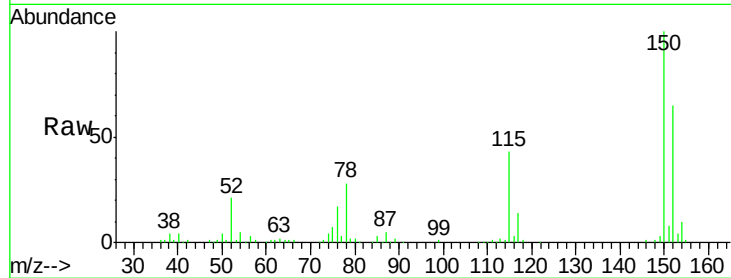
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	67.0	39.6	59.4

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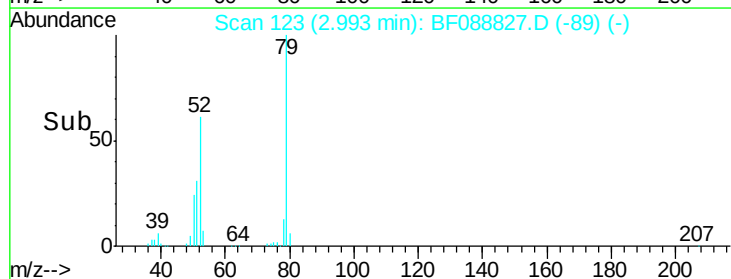
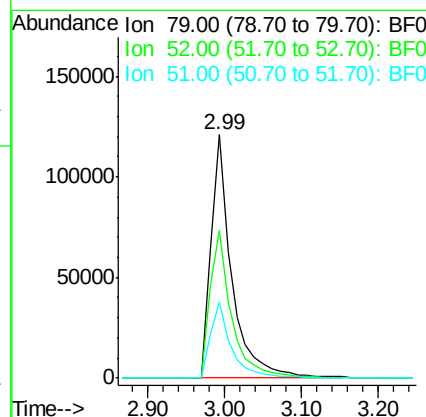
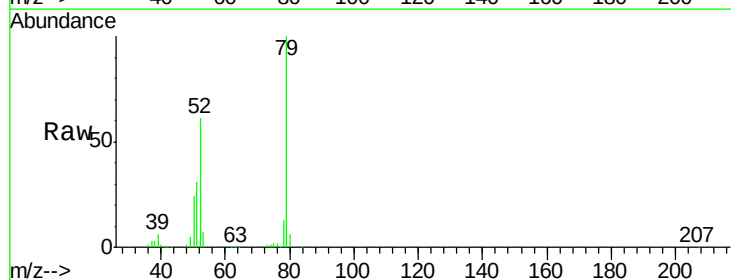
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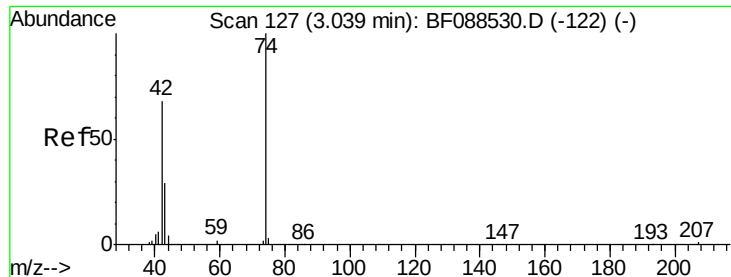


#3

Pyridine
Concen: 27.85 ng
RT: 2.99 min Scan# 123
Delta R.T. 0.09 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
79	100		
52	60.5	56.3	84.5
51	31.1	27.4	41.2





#4

n-Nitrosodimethylamine

Concen: 32.24 ng

RT: 2.95 min Scan# 119

Delta R.T. 0.08 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

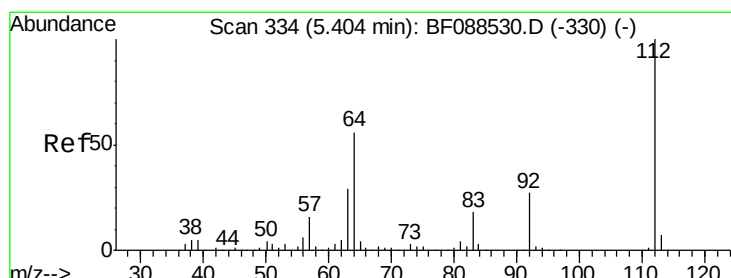
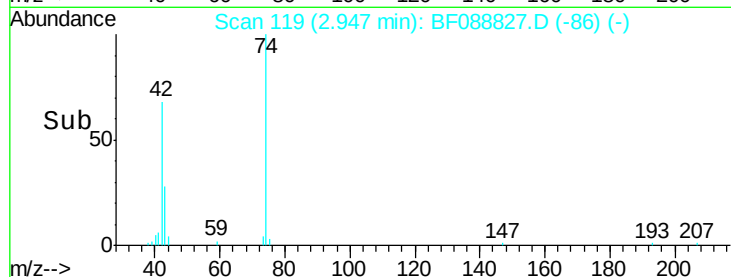
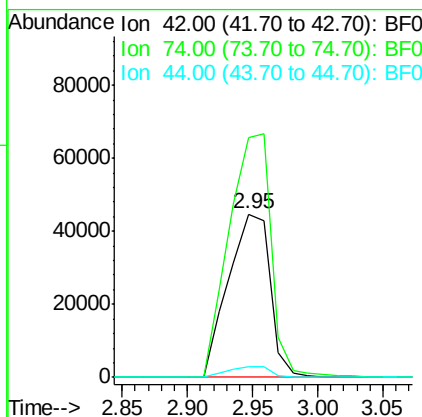
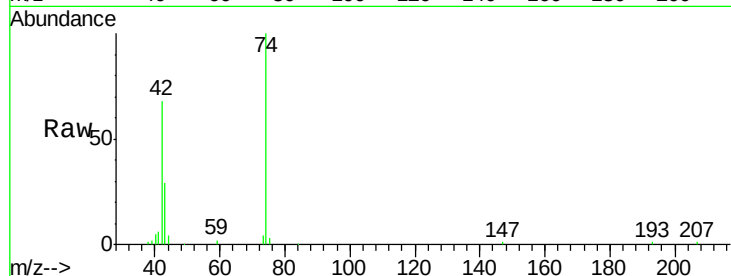
ClientSampleId :

PB91873BS

Tgt Ion:	42	Resp:	99490
Ion Ratio	Lower	Upper	
42	100		
74	147.1	108.6	163.0
44	6.6	5.5	8.3

Manual Integrations
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#5

2-Fluorophenol

Concen: 112.53 ng

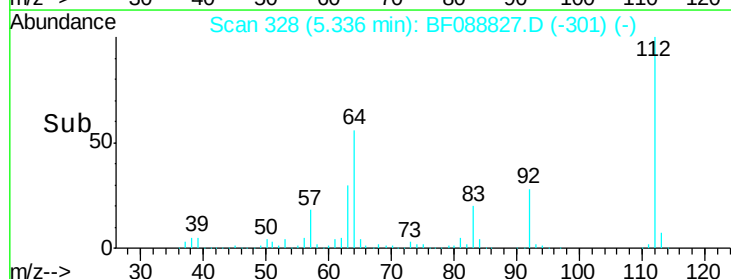
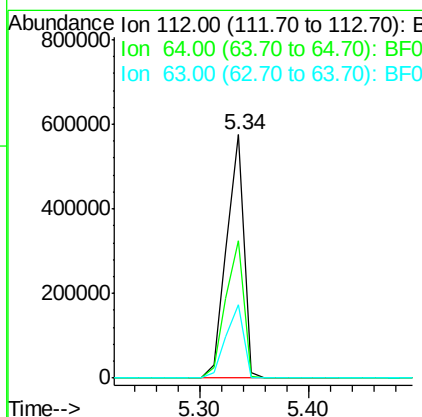
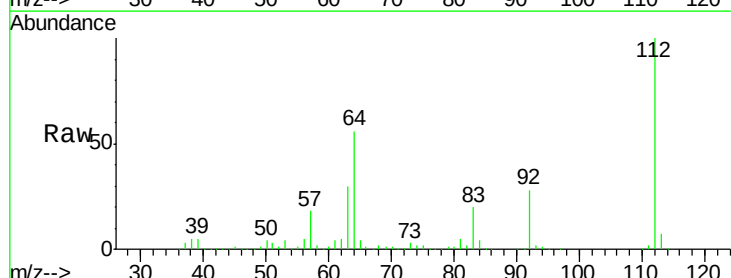
RT: 5.34 min Scan# 328

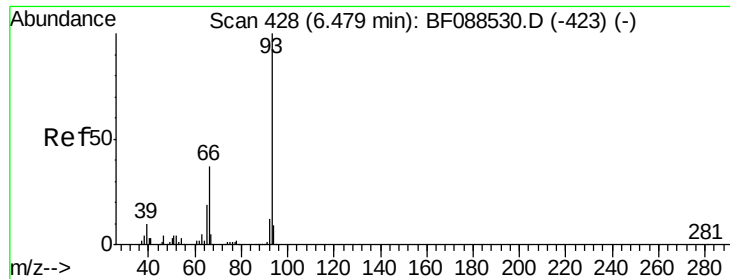
Delta R.T. 0.01 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Tgt Ion:	112	Resp:	631776
Ion Ratio	Lower	Upper	
112	100		
64	56.2	42.2	63.2
63	30.3	21.8	32.8





#6

Aniline

Concen: 25.30 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

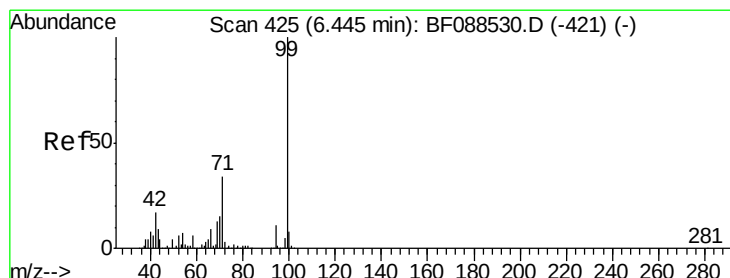
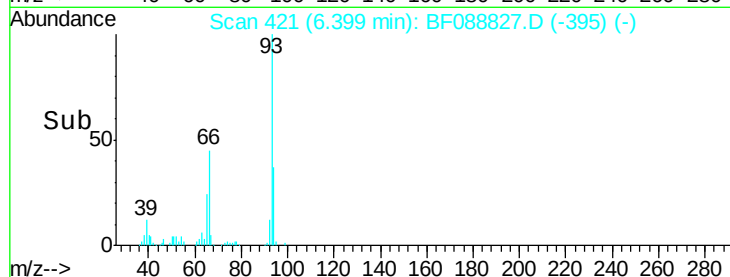
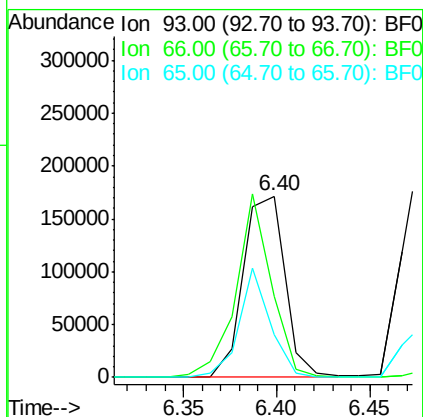
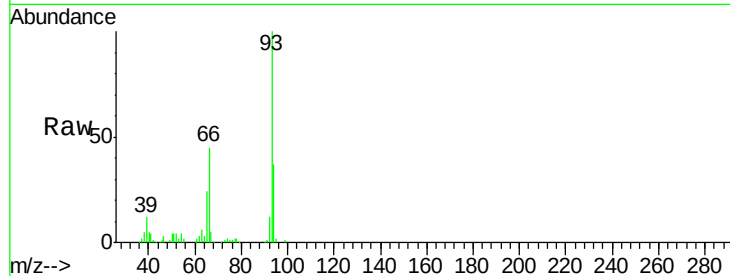
ClientSampleId :

PB91873BS

Tgt Ion:	93	Resp:	267466
Ion	Ratio	Lower	Upper
93	100		
66	45.0	29.8	44.8#
65	23.9	14.9	22.3#

Manual Integrations
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#7

Phenol-d6

Concen: 107.11 ng

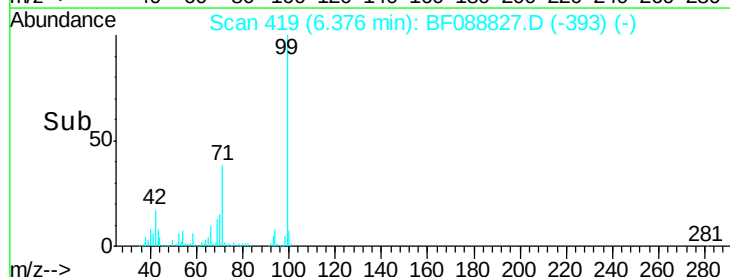
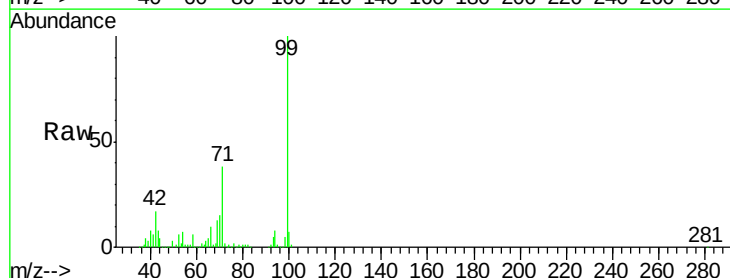
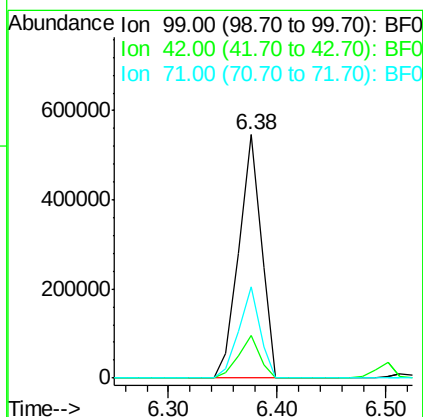
RT: 6.38 min Scan# 419

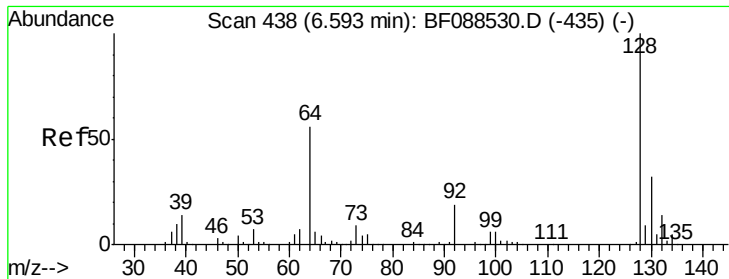
Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Tgt Ion:	99	Resp:	777003
Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.2	18.2
71	37.7	23.4	35.0#





#8

2-Chlorophenol

Concen: 38.74 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

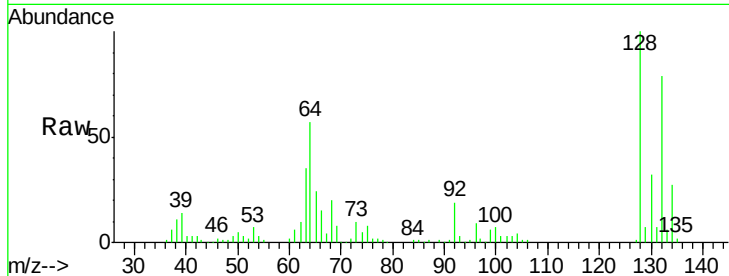
ClientSampleId :

PB91873BS

Tgt Ion:	128	Resp:	233721
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	57.5	30.8	70.8

Manual Integrations
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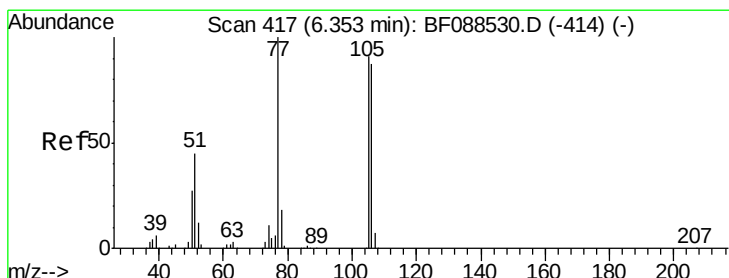
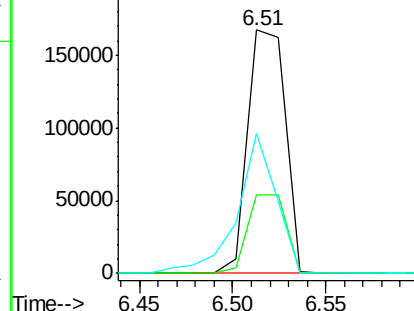
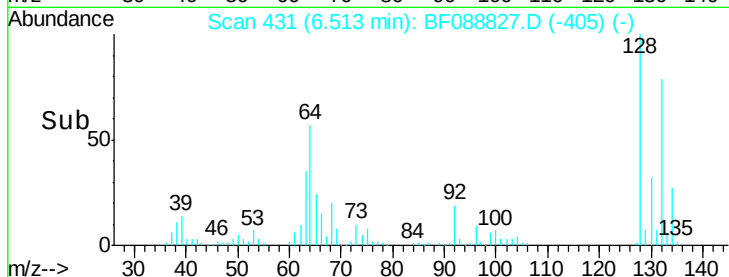
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 29.95 ng

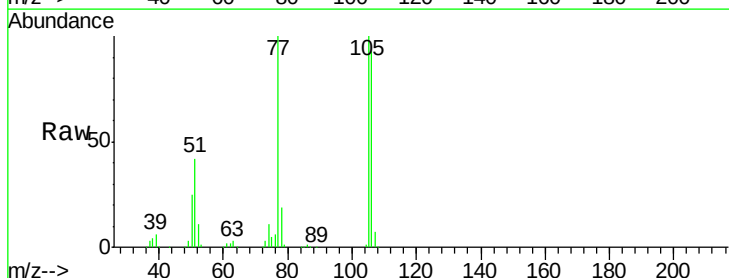
RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

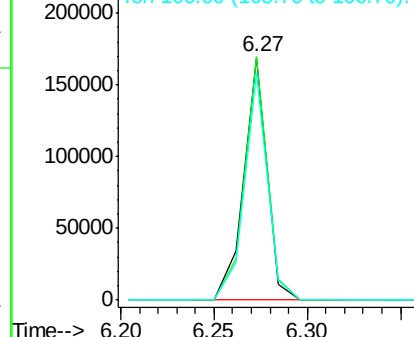
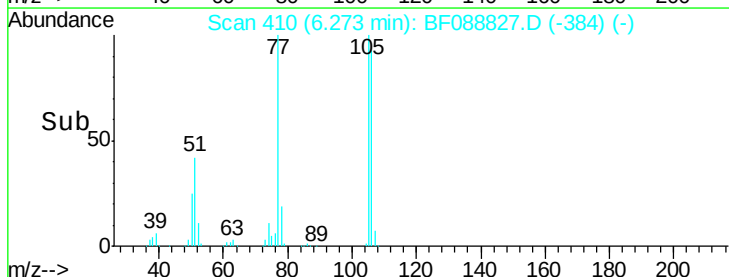
Tgt Ion:	77	Resp:	147156
Ion Ratio	Lower	Upper	
77	100		
105	100.3	90.6	130.6
106	93.8	85.3	125.3

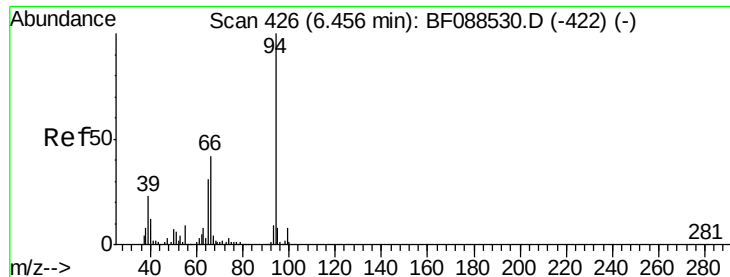


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





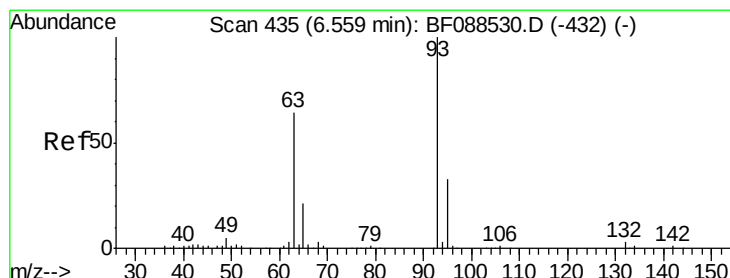
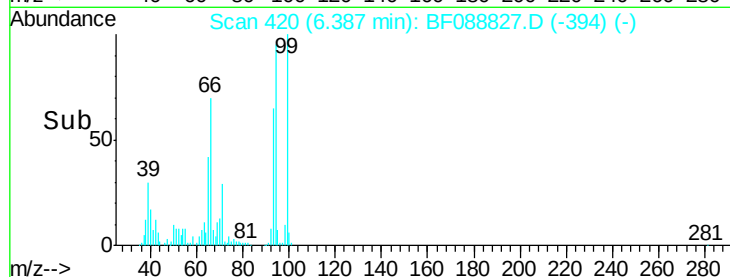
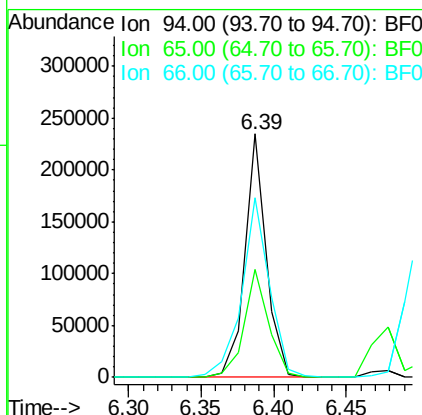
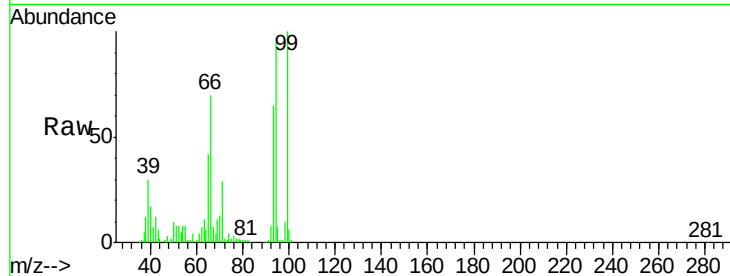
#10
Phenol
Concen: 29.16 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	241423		
65	44.3	5.9	45.9	
66	73.8	14.0	54.0#	

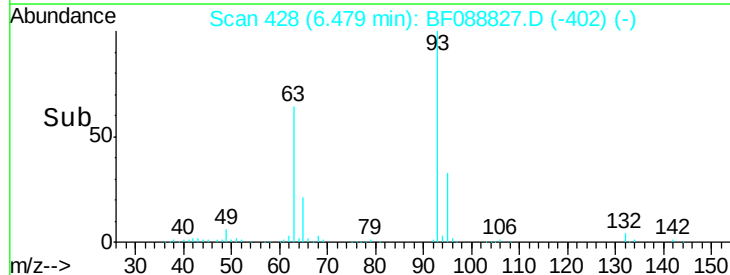
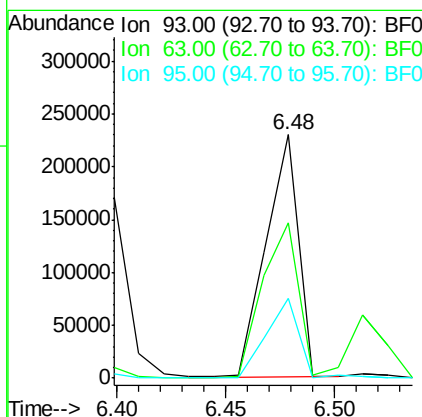
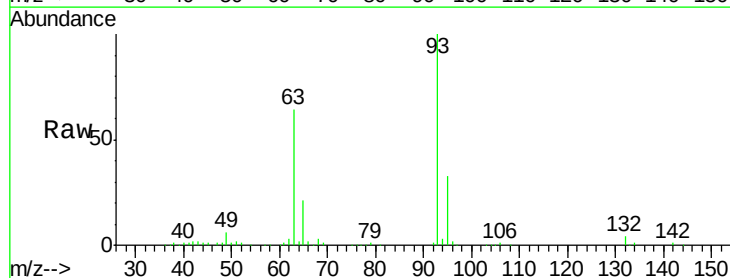
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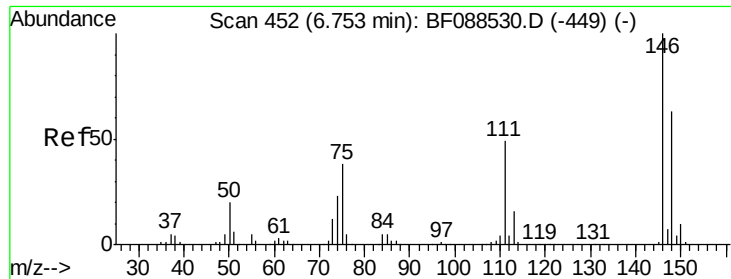
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7/10/2016 12:33:49 AM



#11
bis(2-Chloroethyl)ether
Concen: 38.90 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240135		
63	63.7	67.6	107.6#	
95	32.8	12.5	52.5	





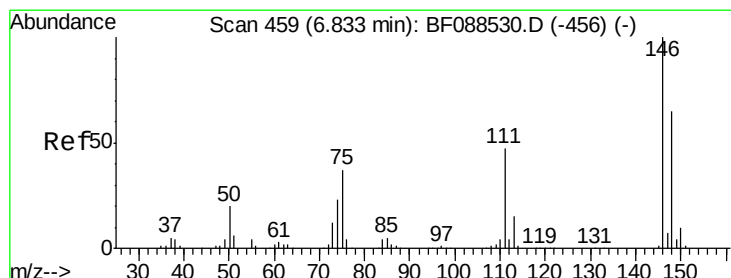
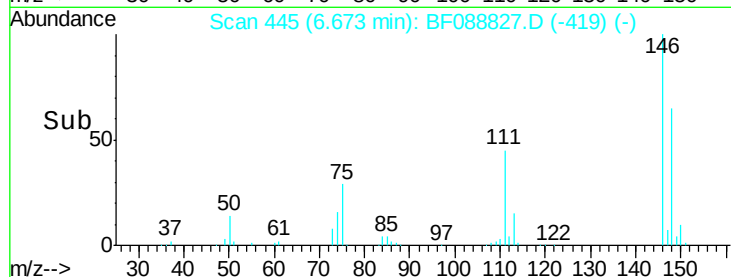
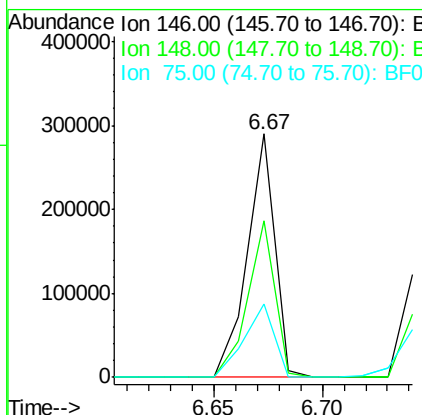
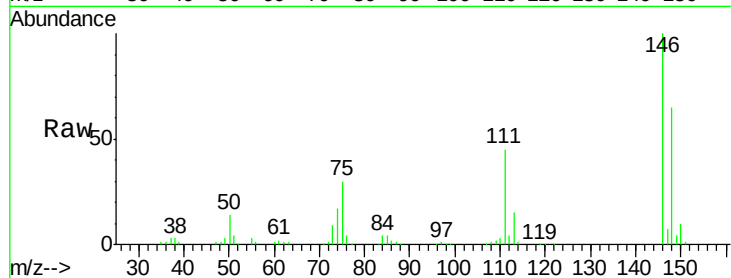
#12
 1,3-Dichlorobenzene
 Concen: 38.15 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	29.9	25.6	38.4

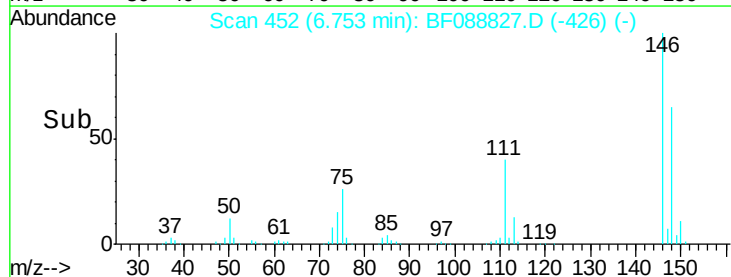
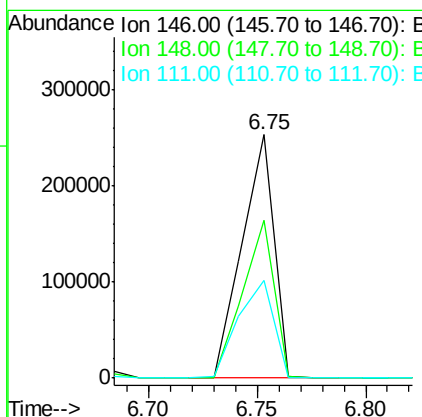
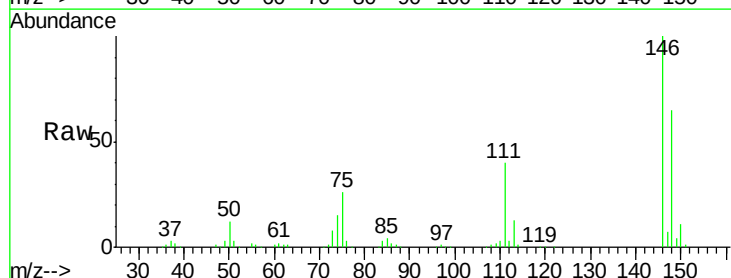
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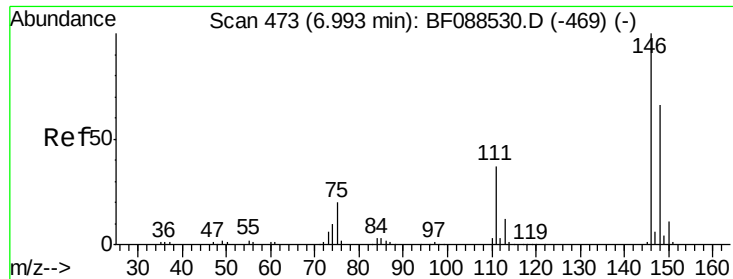
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#13
 1,4-Dichlorobenzene
 Concen: 39.32 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	40.4	33.8	50.8





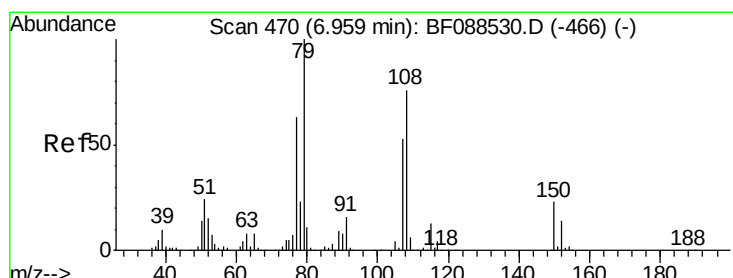
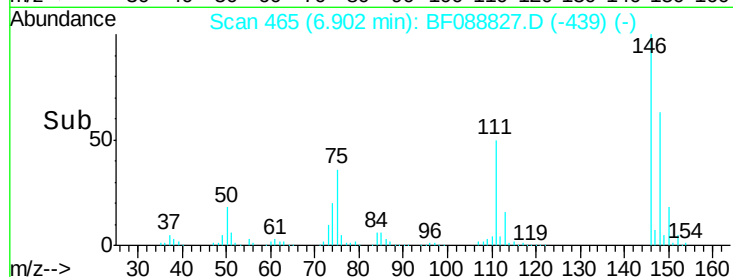
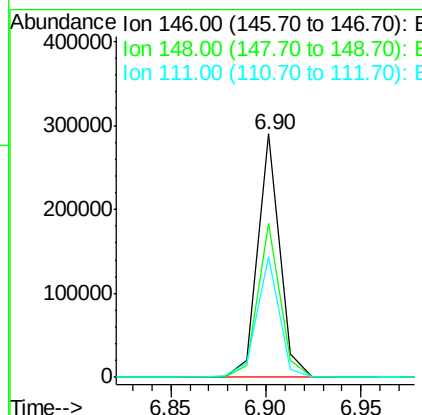
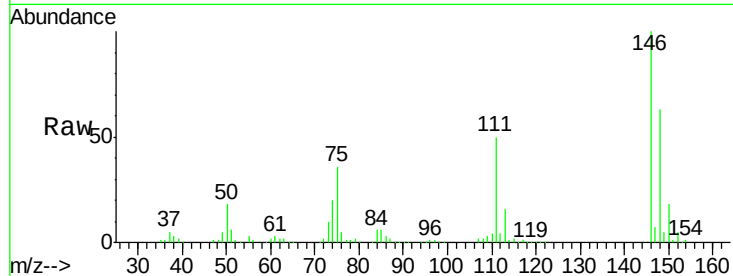
#14
1,2-Dichlorobenzene
Concen: 37.73 ng m
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
111	49.7	28.7	43.1

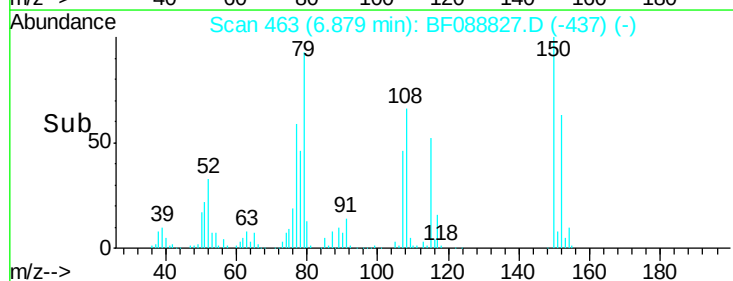
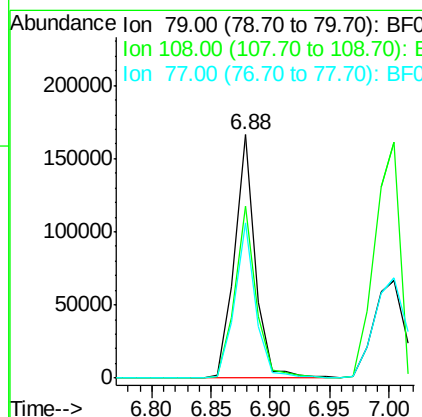
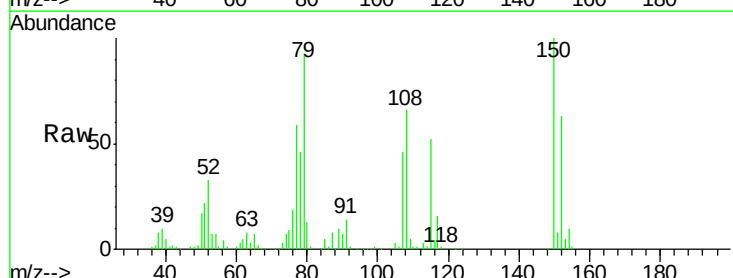
Manual Integrations
APPROVED

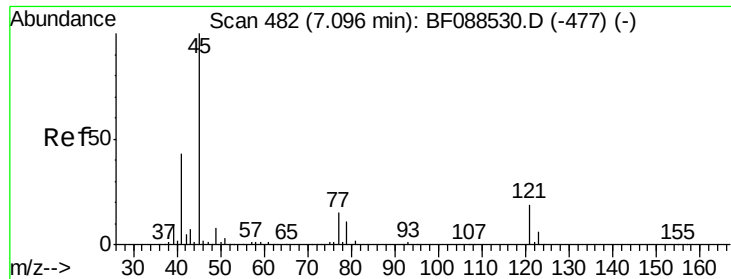
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#15
Benzyl Alcohol
Concen: 38.12 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.5	65.0	97.6
77	63.9	50.3	75.5





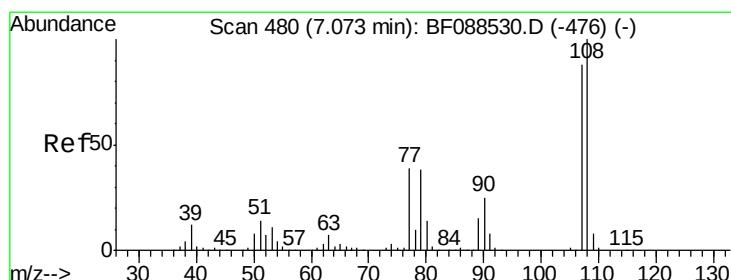
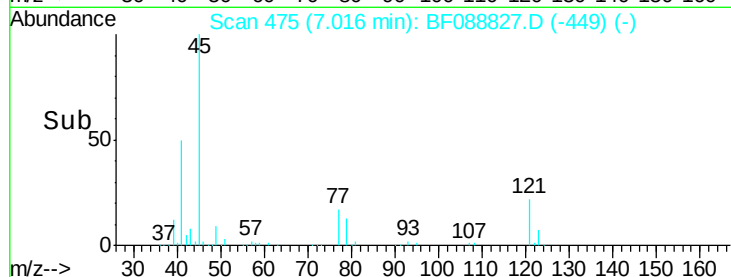
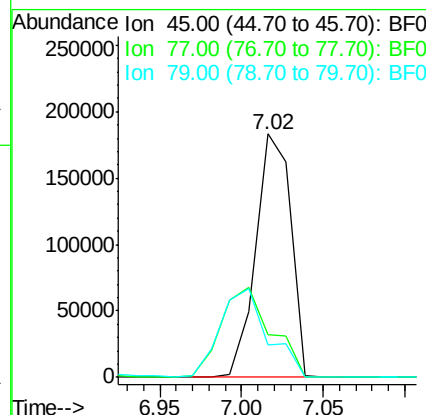
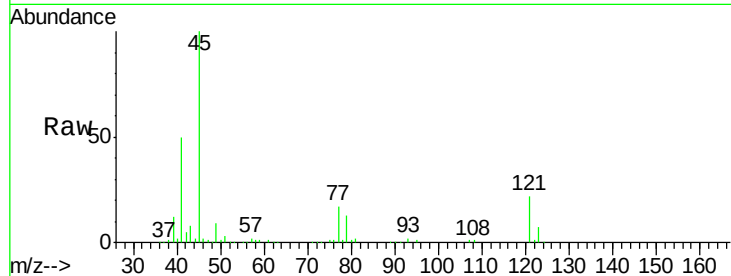
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.48 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	272510		
77	17.4	0.0	32.5	
79	13.2	0.0	29.5	

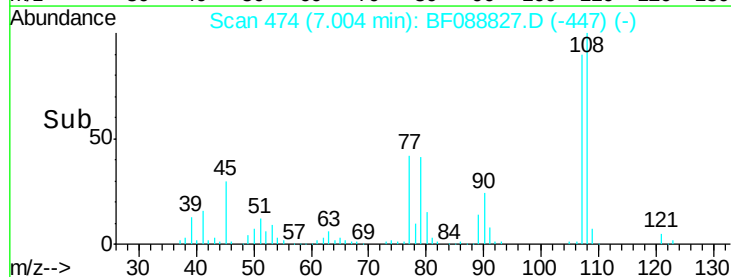
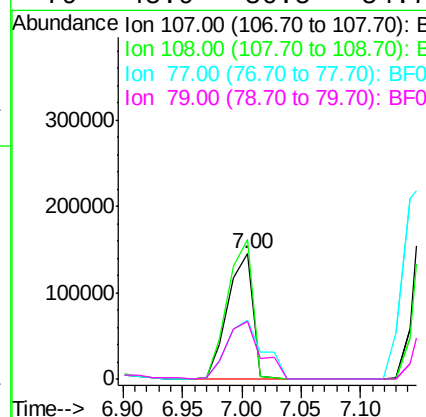
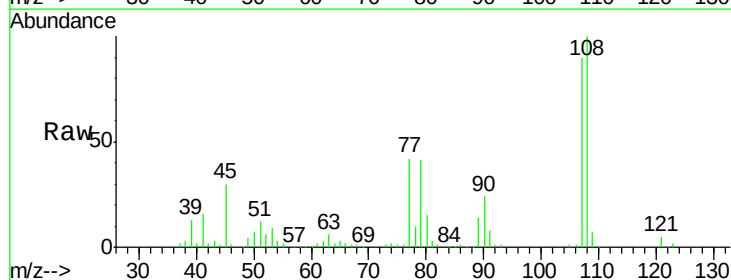
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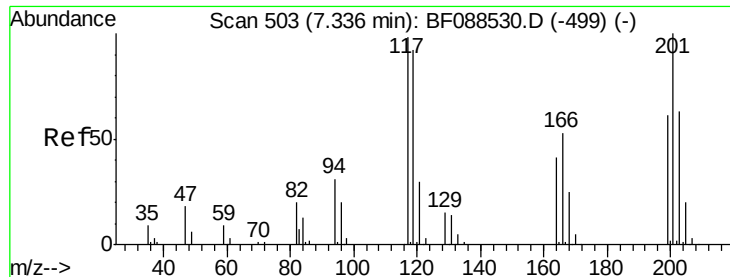
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#17
2-Methylphenol
Concen: 42.88 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	211062		
108	111.6	90.9	136.3	
77	47.1	36.6	55.0	
79	45.9	36.5	54.7	





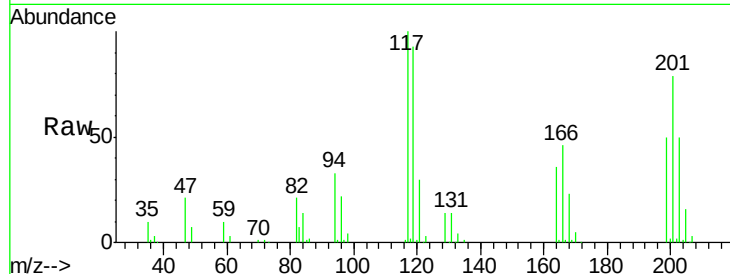
#18
Hexachloroethane
Concen: 38.30 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

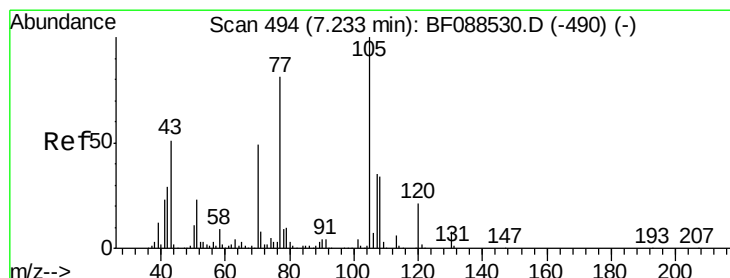
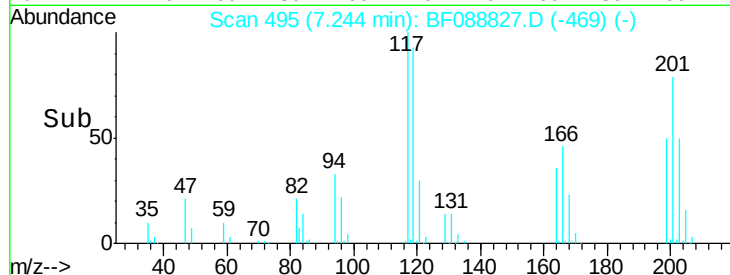
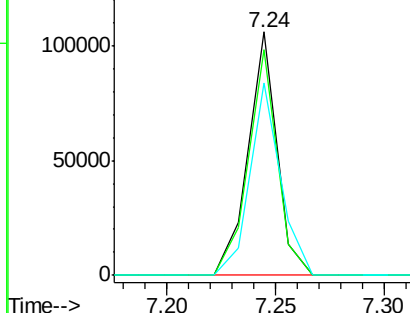
Tgt Ion: 117 Resp: 97636
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.2
201 79.2 80.4 120.6#

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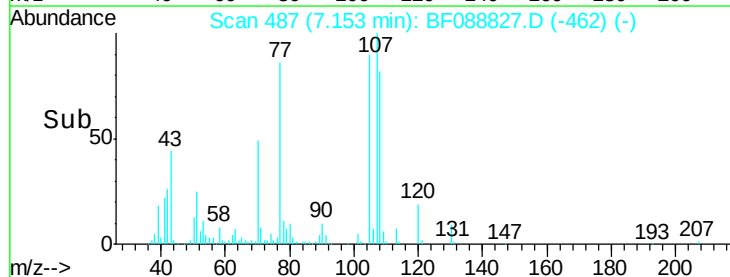
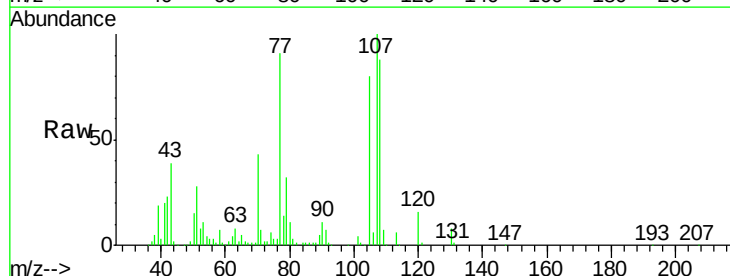
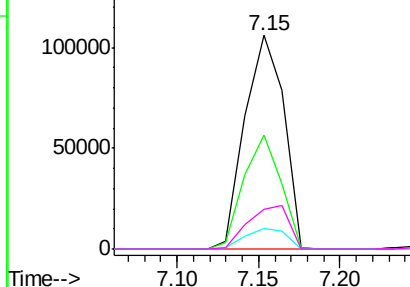
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

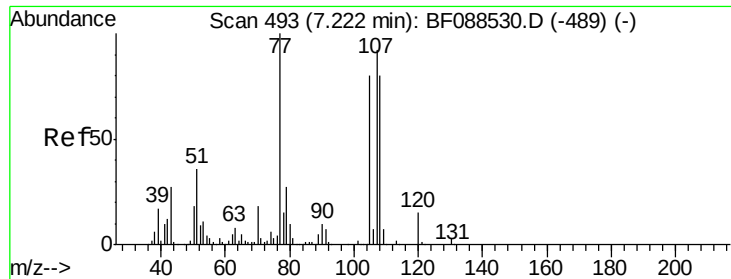


#19
n-Nitroso-di-n-propylamine
Concen: 36.02 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion: 70 Resp: 175490
Ion Ratio Lower Upper
70 100
42 53.3 49.6 74.4
101 9.5 7.1 10.7
130 18.9 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





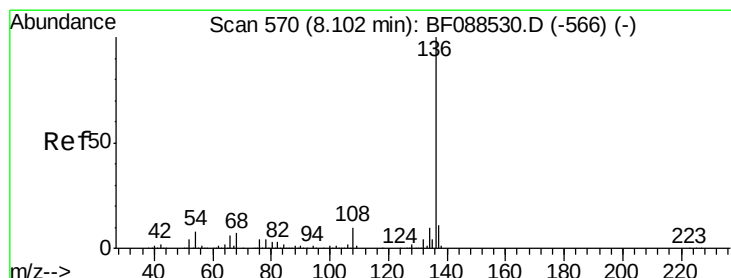
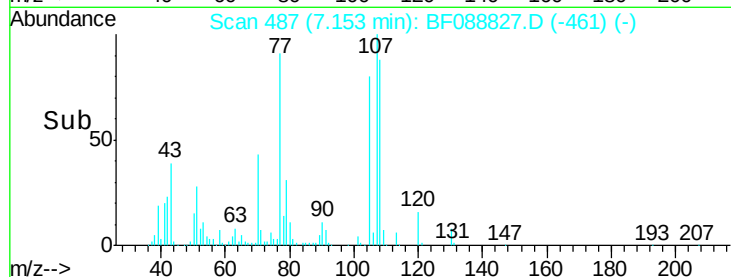
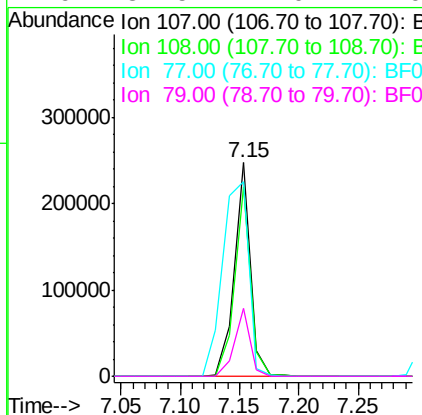
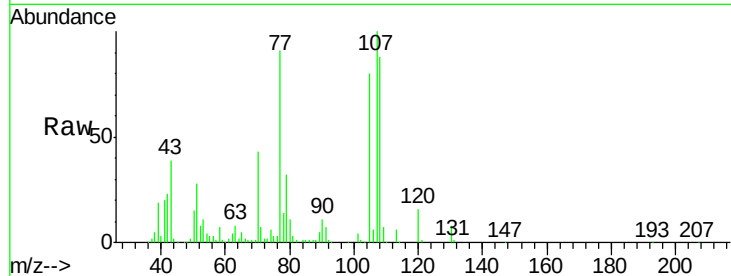
#20
3+4-Methylphenols
Concen: 39.39 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:	107	Resp:	232710
Ion Ratio	Lower	Upper	
107	100		
108	88.5	67.8	107.8
77	91.3	59.3	99.3
79	31.5	7.0	47.0

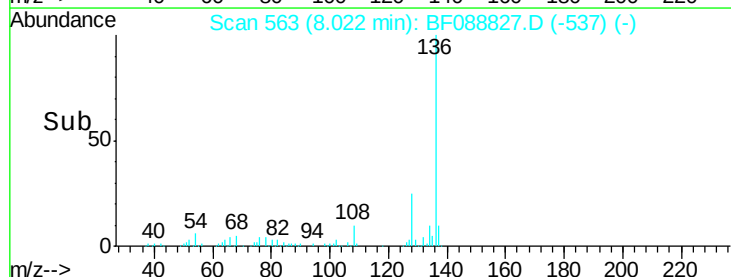
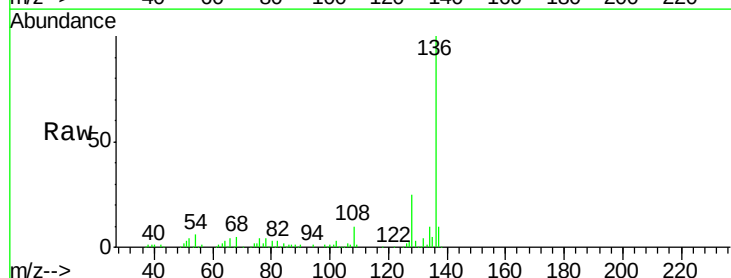
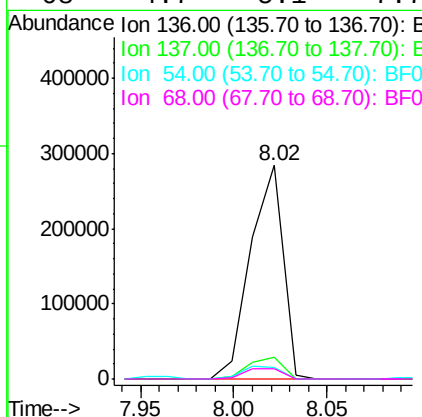
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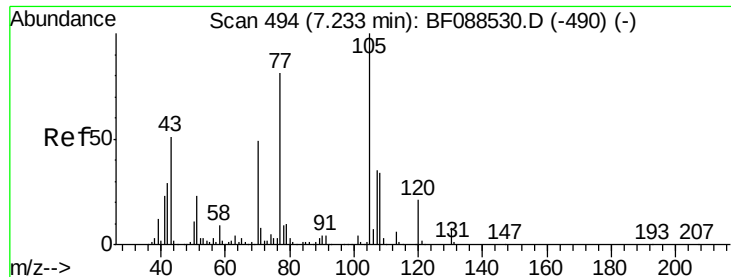
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion:	136	Resp:	345084
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#





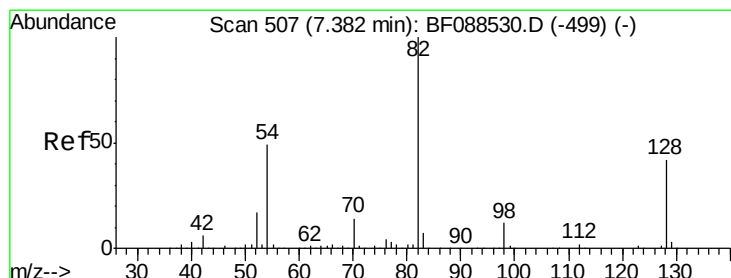
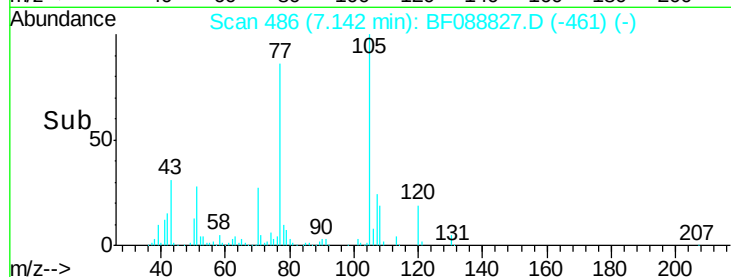
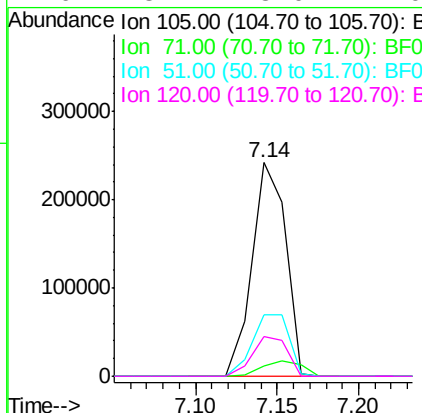
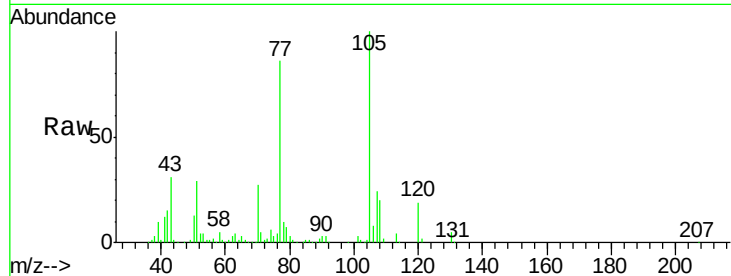
#22
Acetophenone
Concen: 41.35 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.5	5.3	7.9#
51	28.7	18.2	27.4#
120	18.7	18.0	27.0

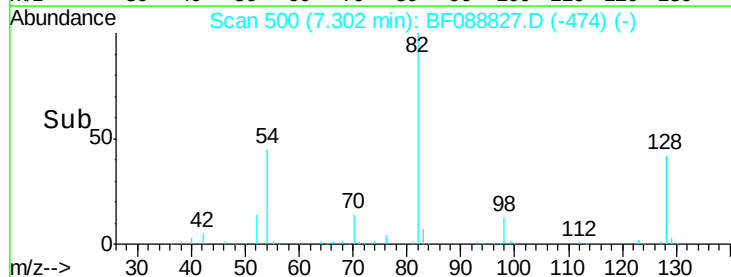
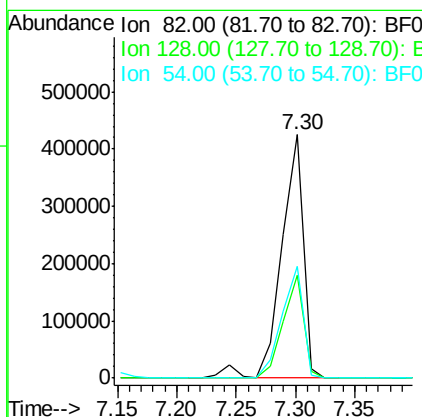
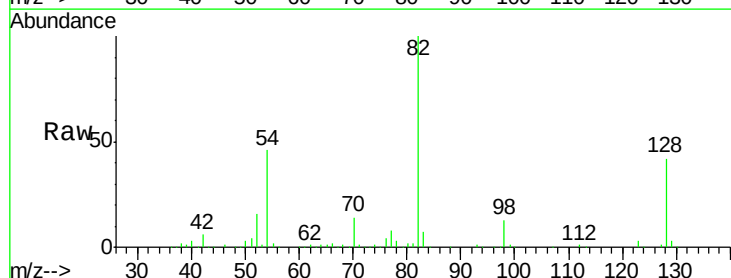
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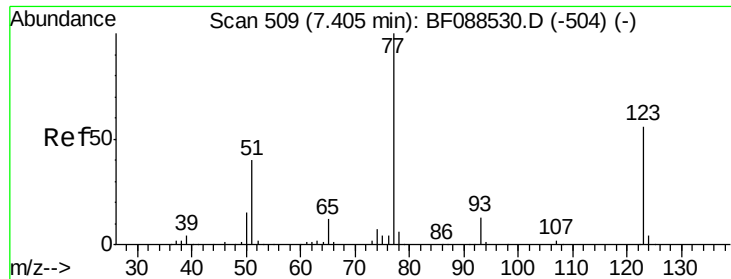
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#23
Nitrobenzene-d5
Concen: 81.67 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.4	35.9	53.9
54	45.8	40.9	61.3





#24

Nitrobenzene

Concen: 36.91 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion: 77 Resp: 245030
Ion Ratio Lower Upper

77 100

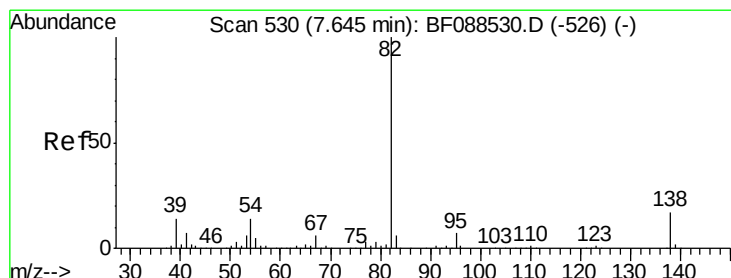
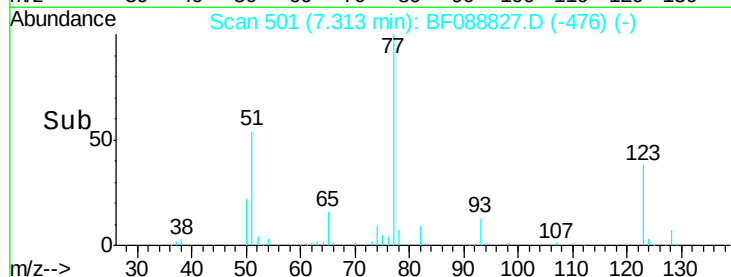
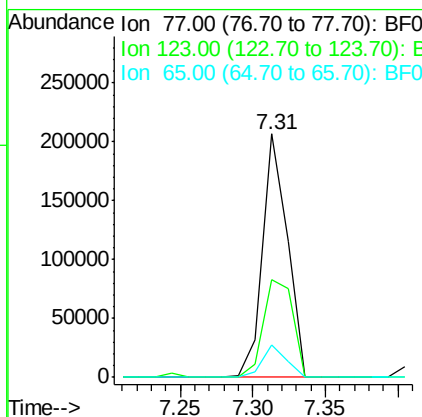
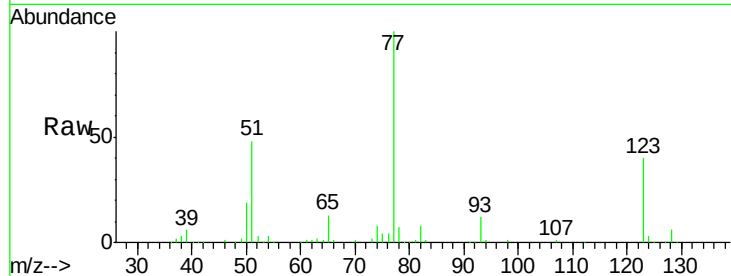
123 40.3 45.0 67.4#

65 13.4 10.2 15.2

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#25

Isophorone

Concen: 40.01 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF088827.D

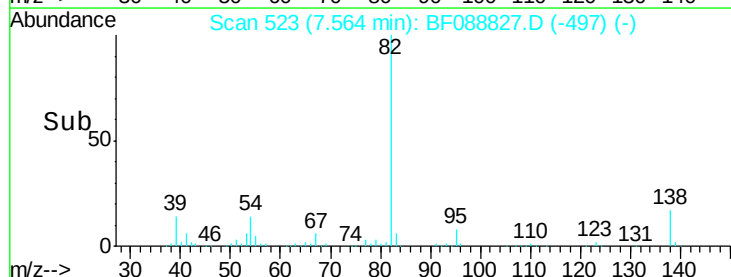
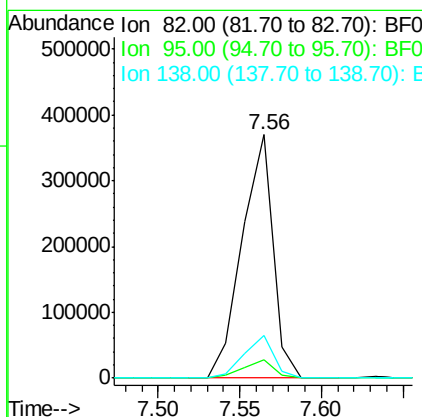
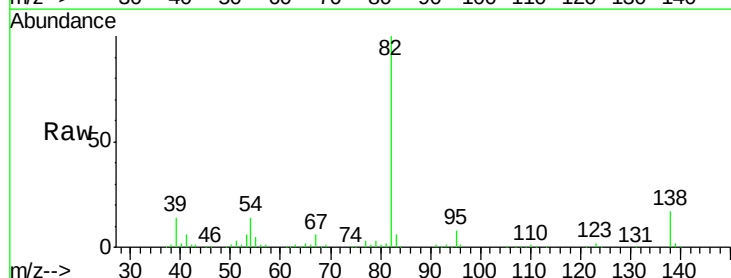
Acq: 8 Jul 2016 15:58

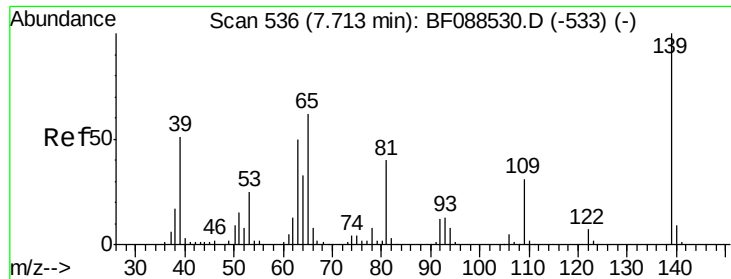
Tgt Ion: 82 Resp: 487984
Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.2

138 17.5 14.6 21.8





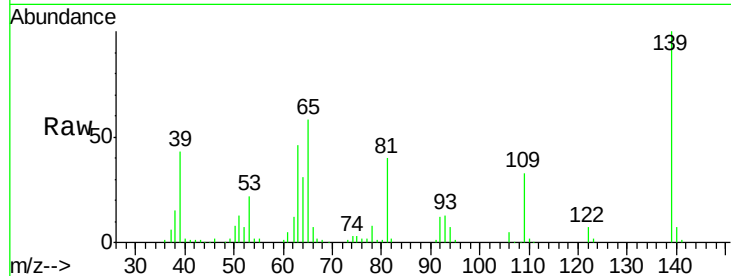
#26
2-Nitrophenol
Concen: 43.21 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

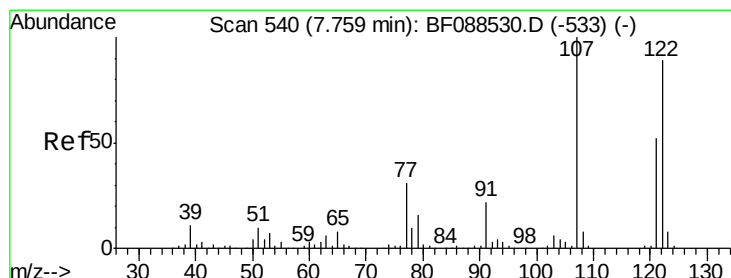
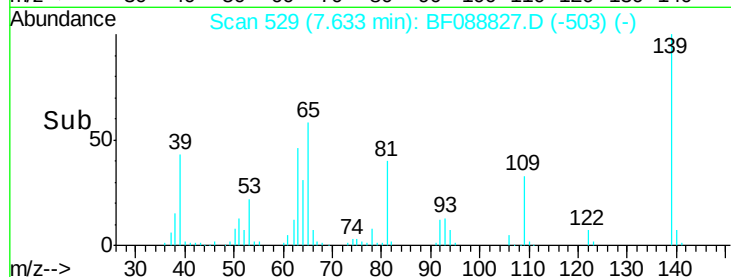
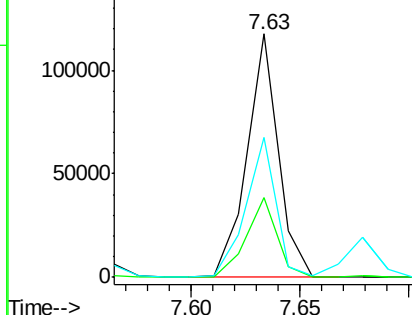
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117634		
109	32.9	23.0	34.4	
65	57.6	45.8	68.8	

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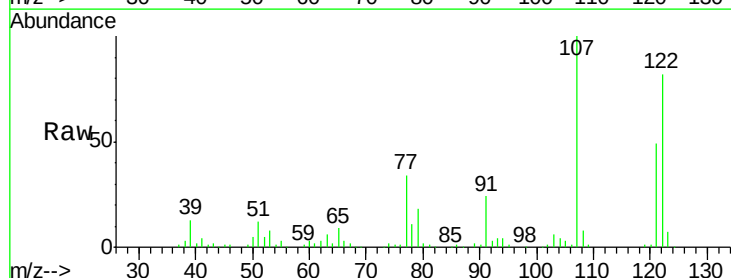


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

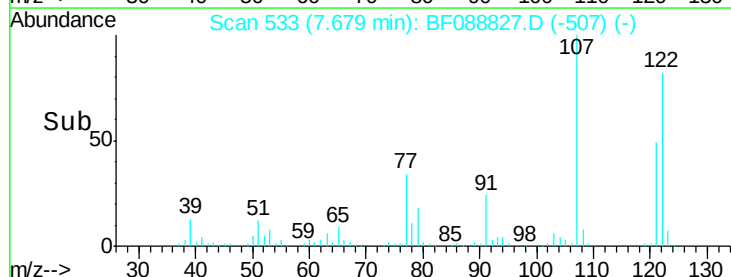
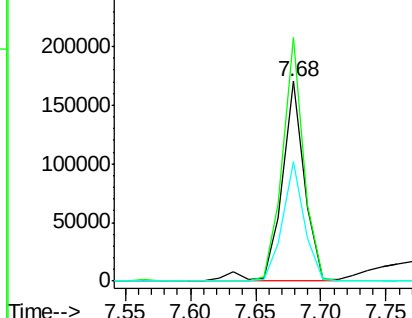


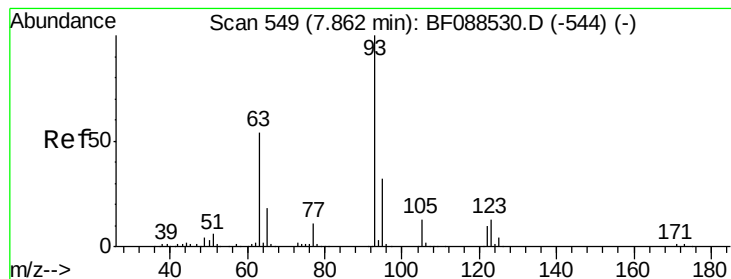
#27
2,4-Dimethylphenol
Concen: 36.82 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	208775		
107	122.0	82.4	123.6	
121	59.6	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: 39.50 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion: 93 Resp: 313572

Ion Ratio Lower Upper

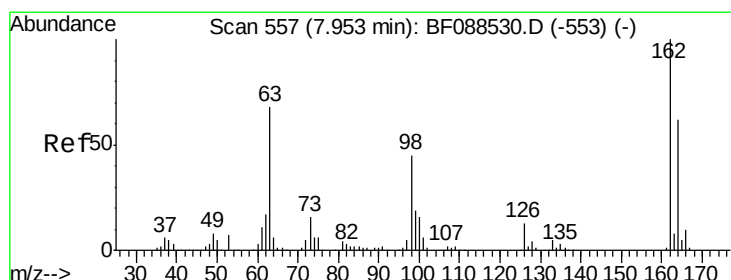
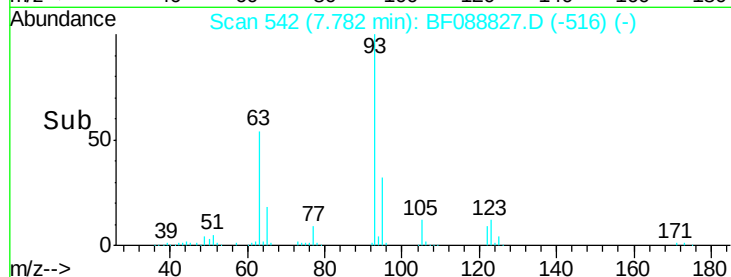
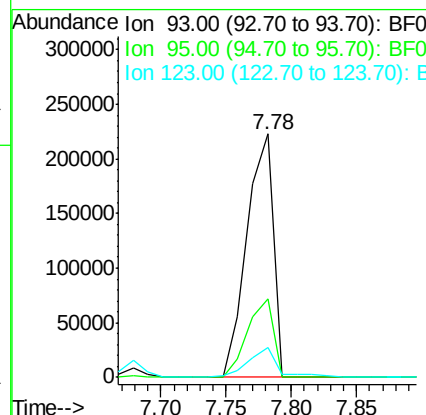
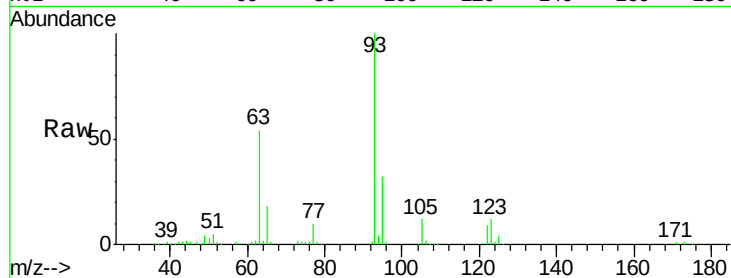
93 100

95 32.4 26.5 39.7

123 12.1 11.6 17.4

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#29

2,4-Dichlorophenol

Concen: 43.76 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

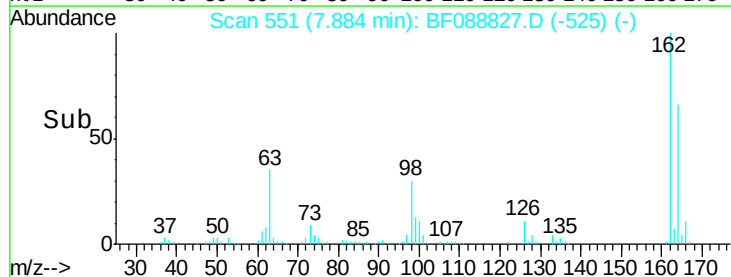
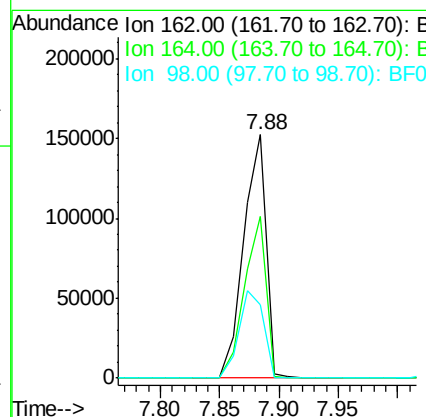
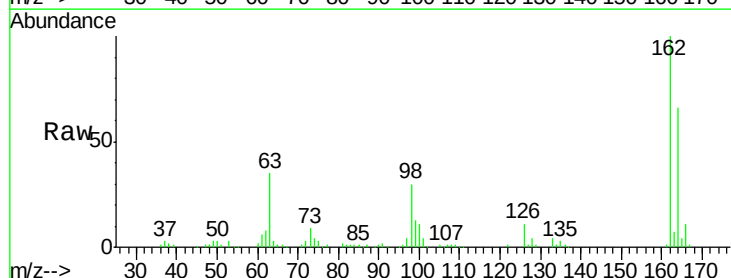
Tgt Ion: 162 Resp: 200551

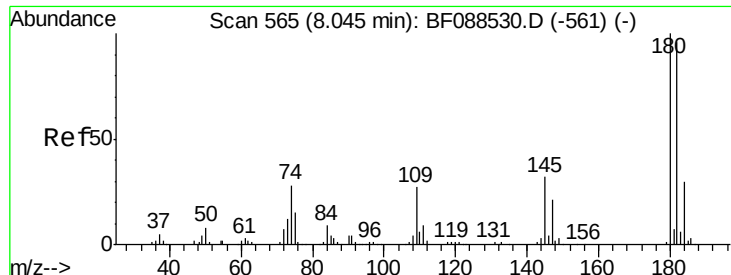
Ion Ratio Lower Upper

162 100

164 66.4 43.8 83.8

98 30.3 21.3 61.3





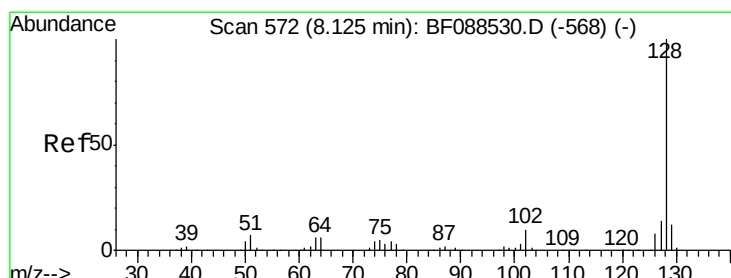
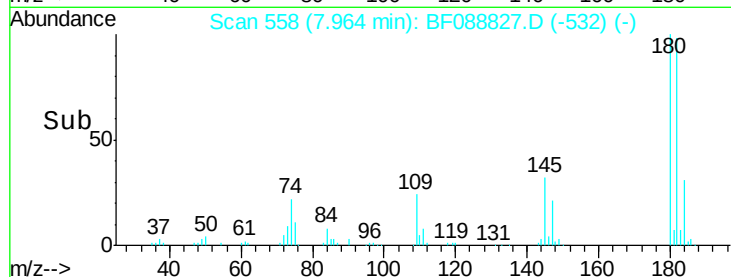
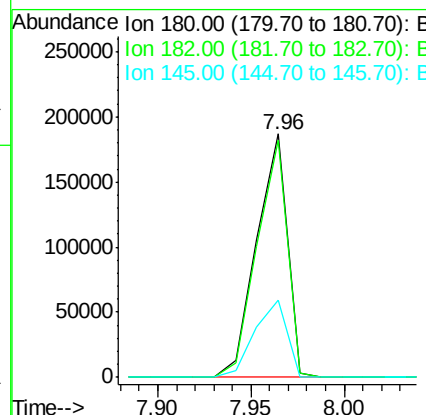
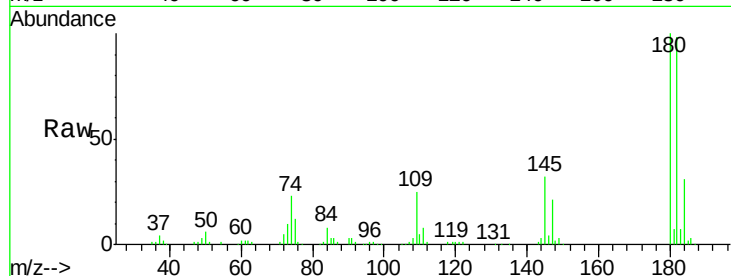
#30
 1,2,4-Trichlorobenzene
 Concen: 42.10 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	211749		
182	97.5	76.0	114.0	
145	31.7	26.5	39.7	

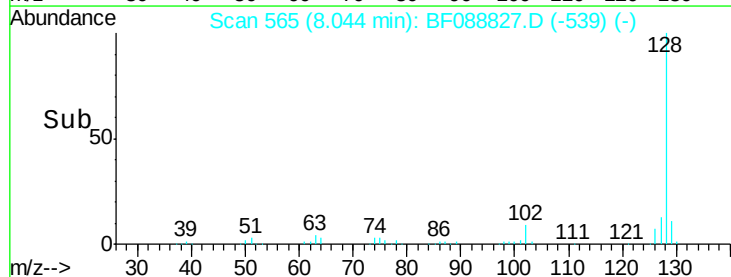
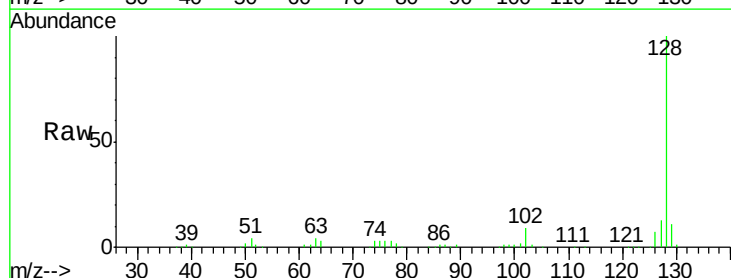
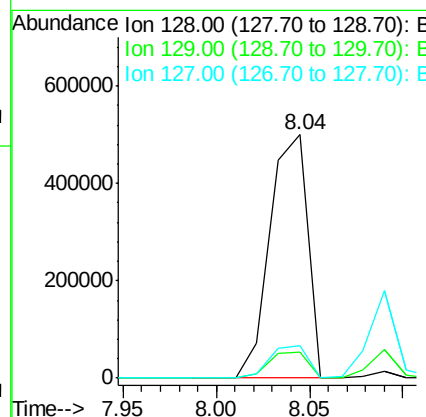
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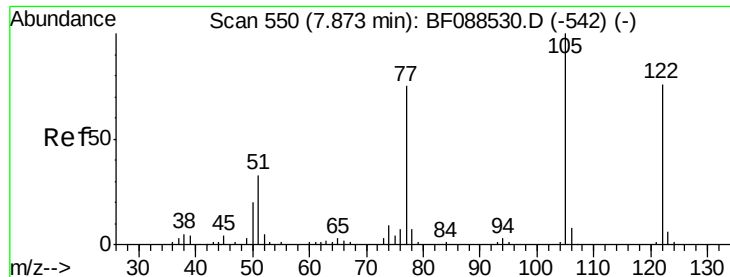
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#31
 Naphthalene
 Concen: 41.21 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	701028		
129	10.8	9.4	14.2	
127	13.2	10.9	16.3	





#32

Benzoic acid

Concen: 33.22 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion:122 Resp: 136768

Ion Ratio Lower Upper

122 100

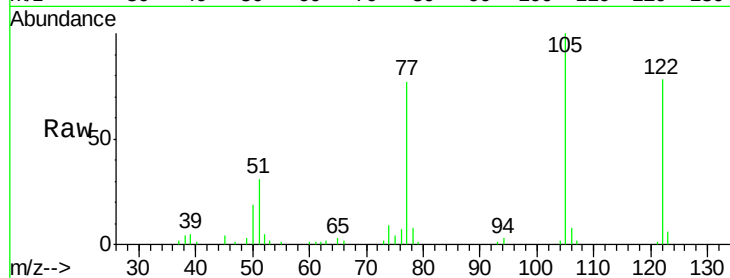
105 128.7 101.6 141.6

77 99.6 70.6 110.6

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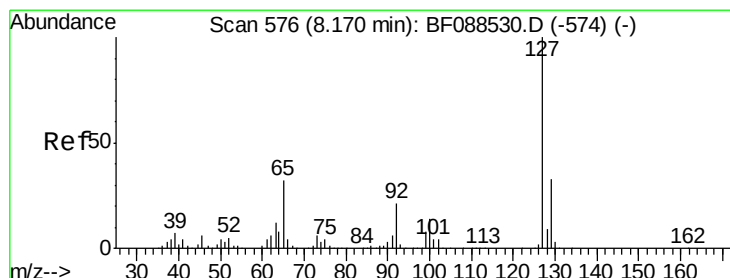
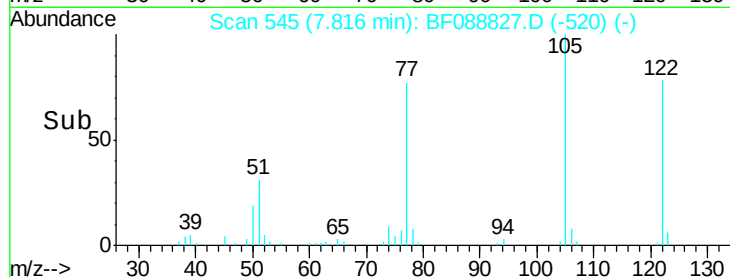
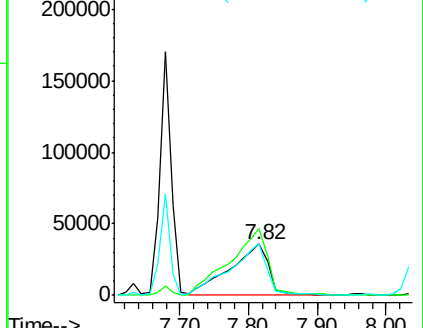
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 23.84 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Tgt Ion:127 Resp: 180472

Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 29.4 24.7 37.1

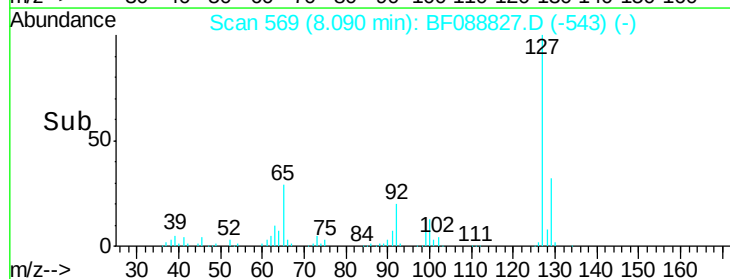
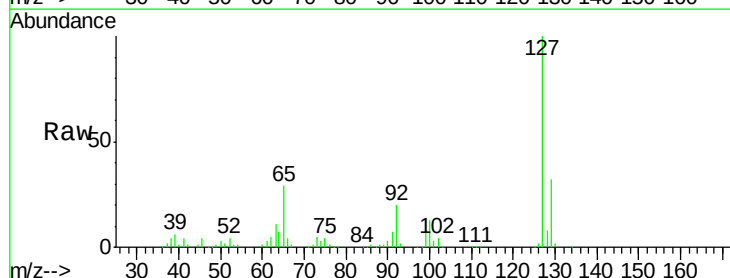
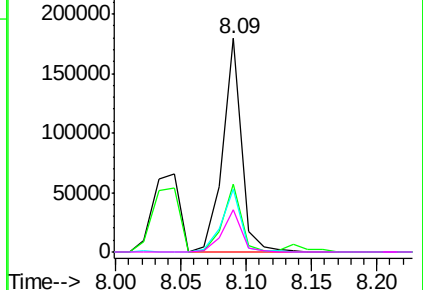
92 20.0 15.4 23.0

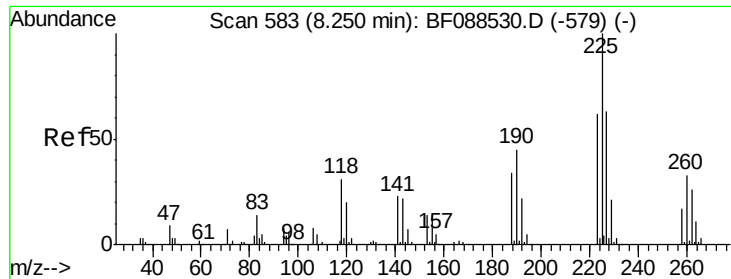
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





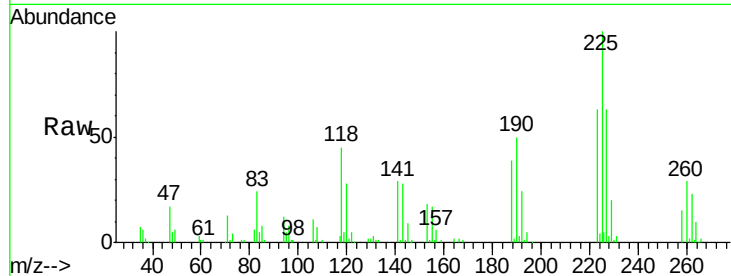
#34
Hexachlorobutadiene
Concen: 40.43 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

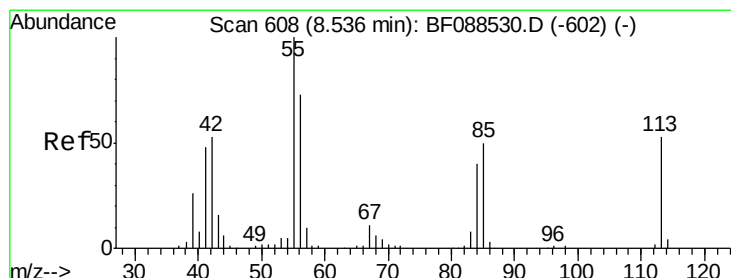
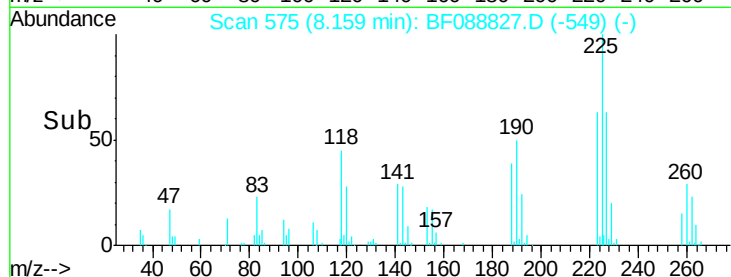
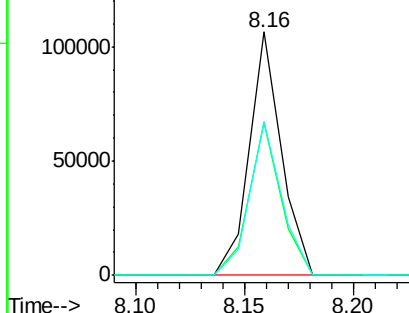
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108878		
223	62.7	50.9	76.3	
227	63.3	51.9	77.9	

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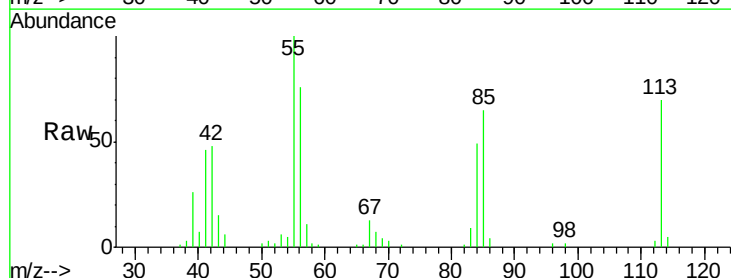


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

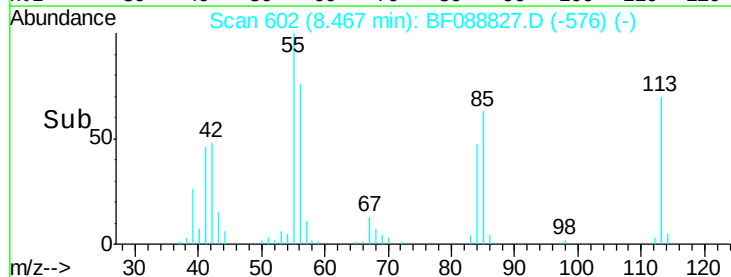
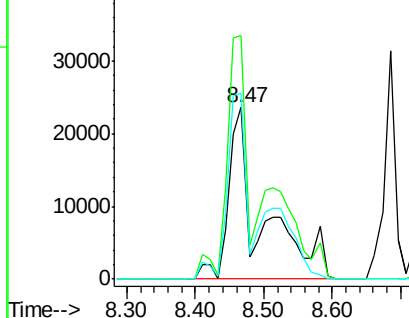


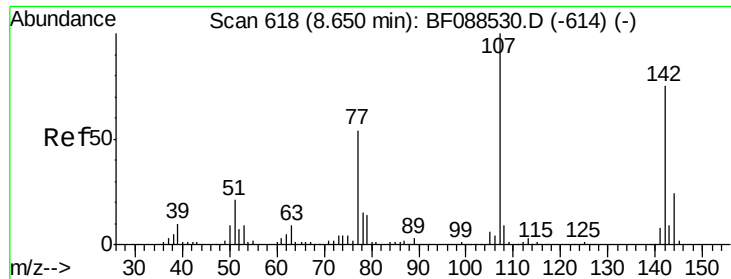
#35
Caprolactam
Concen: 49.45 ng m
RT: 8.47 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	76972		
55	141.9	158.6	198.6#	
56	108.3	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





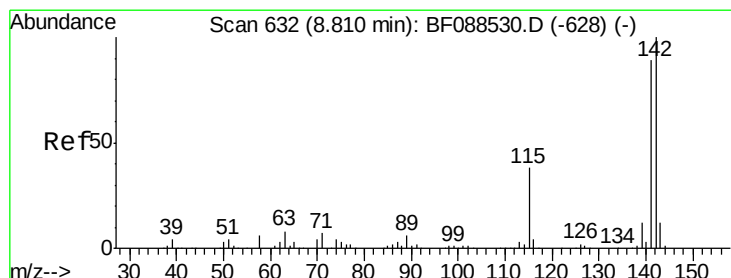
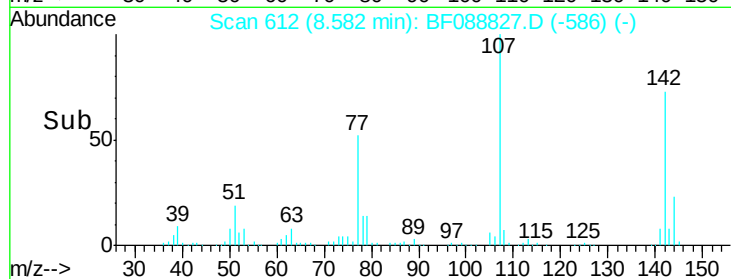
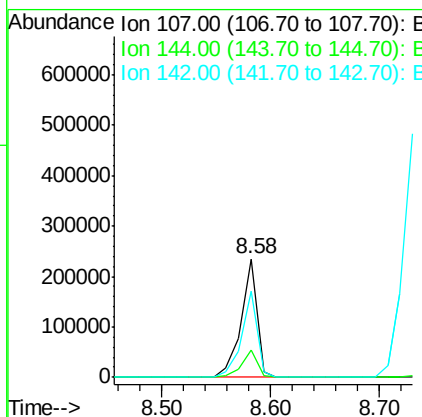
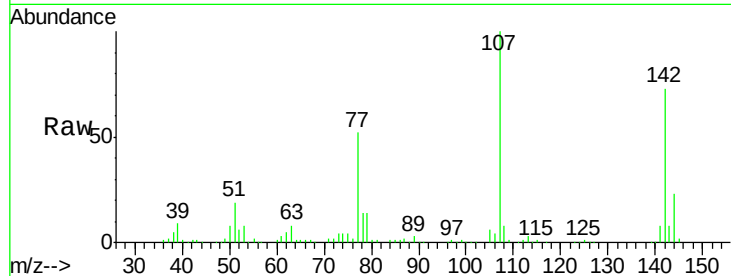
#36
 4-Chloro-3-methylphenol
 Concen: 43.83 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	237522		
144	23.4	20.8	31.2	
142	72.5	63.4	95.2	

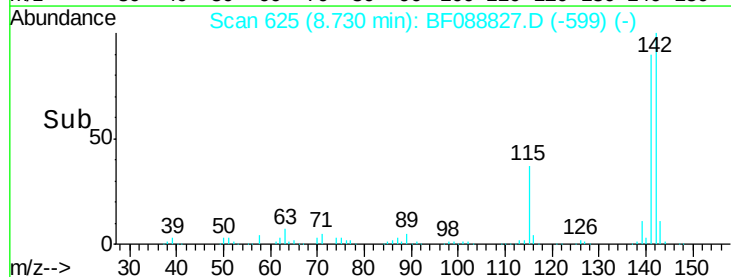
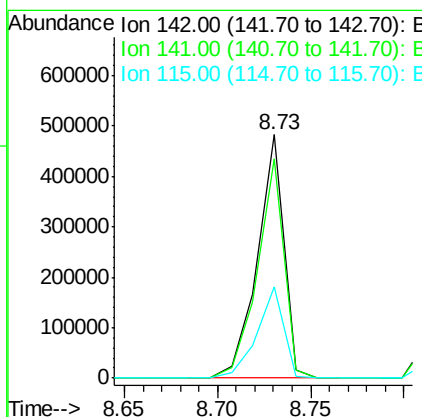
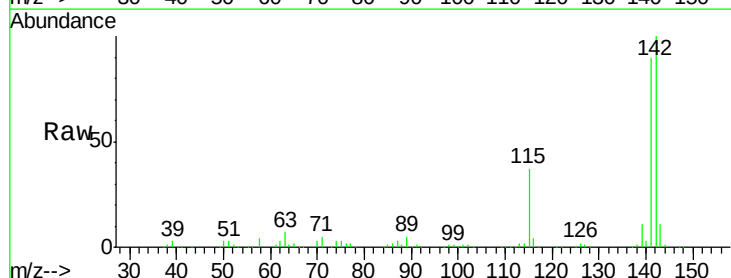
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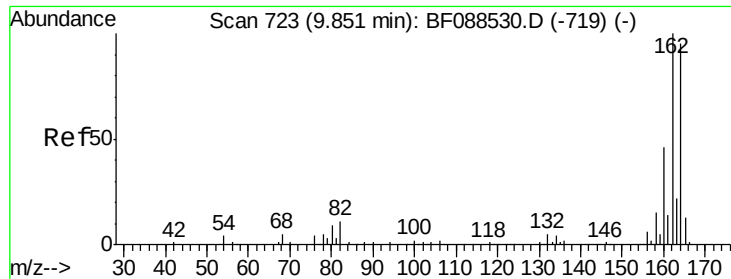
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#37
 2-Methylnaphthalene
 Concen: 43.09 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	472030		
141	90.0	71.0	106.6	
115	37.5	22.6	33.8#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF088827.D

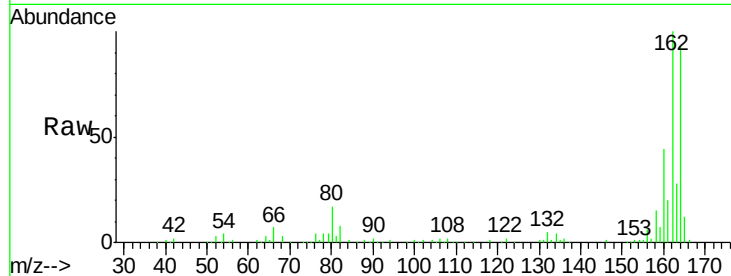
Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

ClientSampleId :

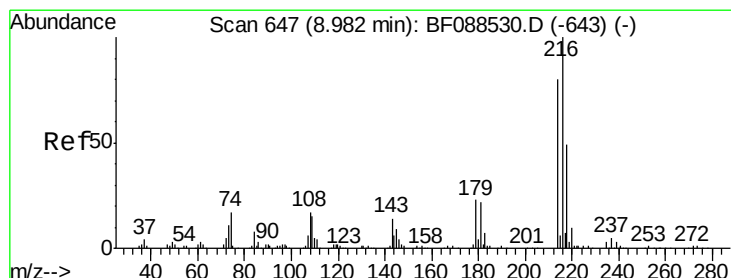
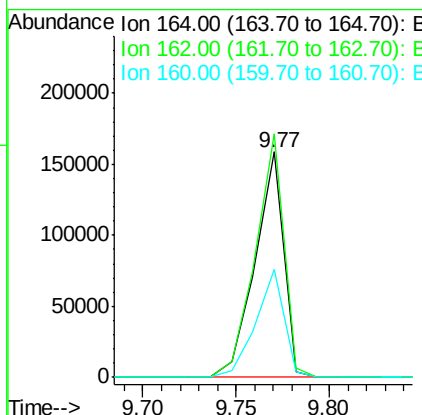
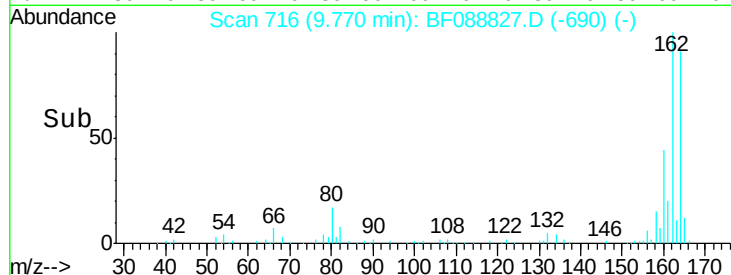
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.4	128.2
160	47.9	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.65 ng

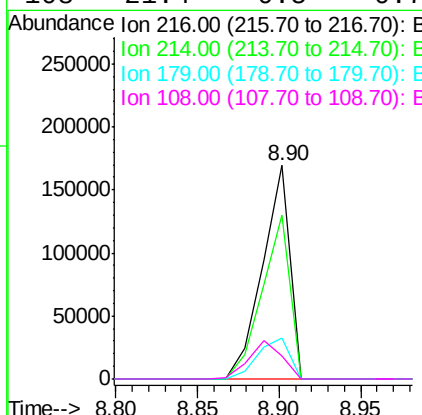
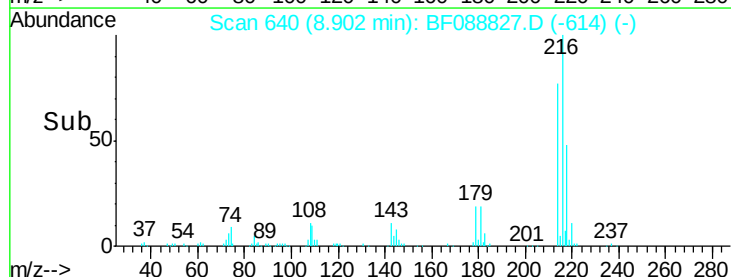
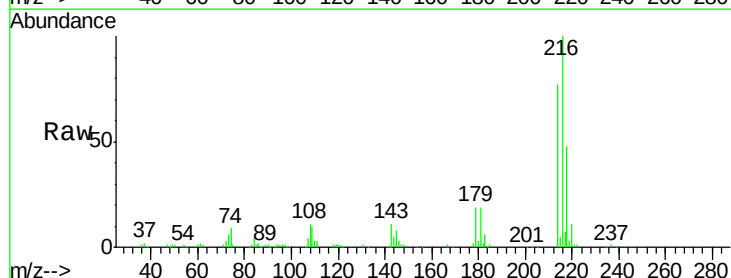
RT: 8.90 min Scan# 640

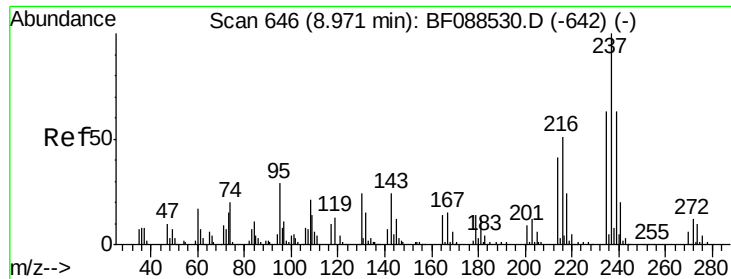
Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	2.9	4.3#
179	22.4	0.0	0.0#
108	21.4	0.5	0.7#





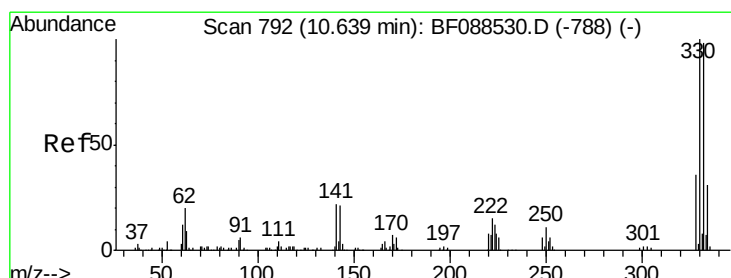
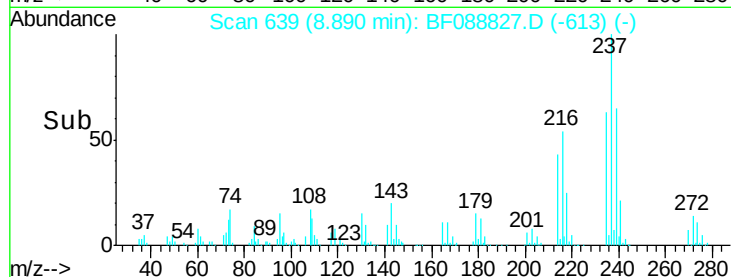
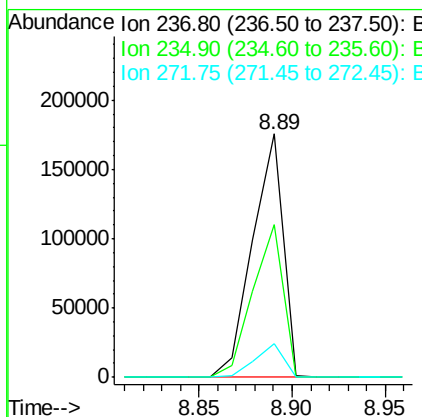
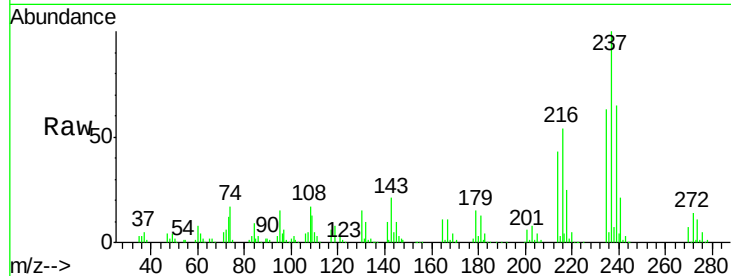
#40
Hexachlorocyclopentadiene
Concen: 72.65 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	43.4	83.4
272	13.9	0.0	32.3

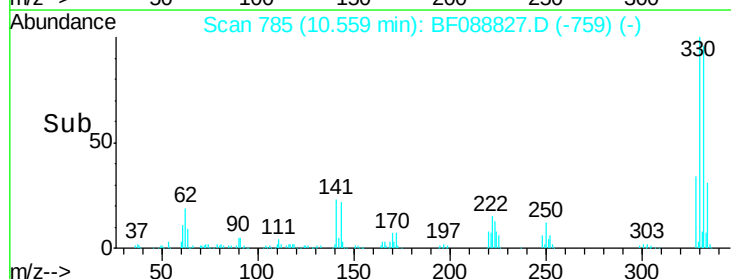
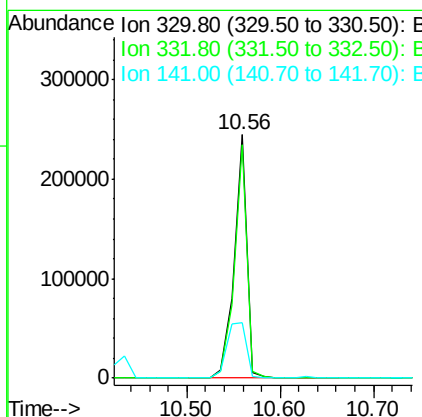
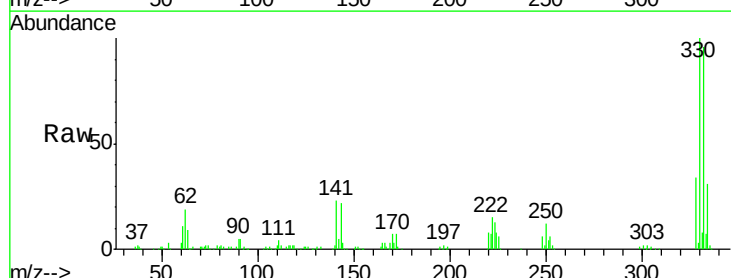
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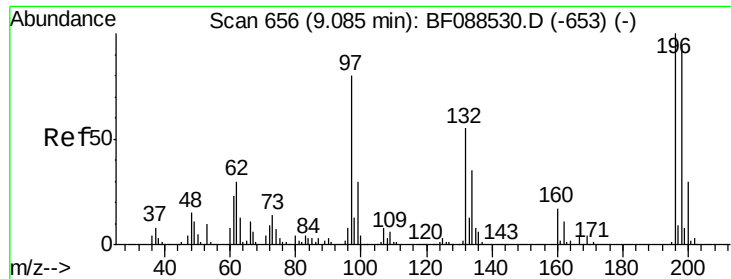
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#41
2,4,6-Tribromophenol
Concen: 152.20 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.9	0.0	0.0#
141	34.8	0.0	0.0#





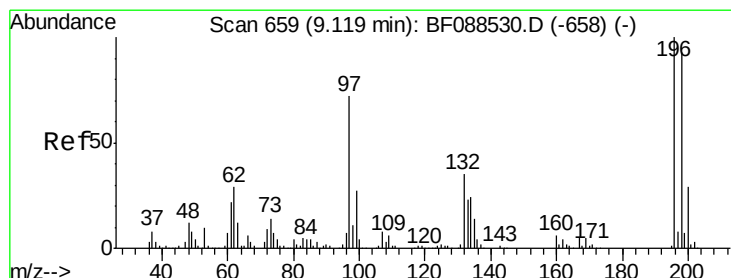
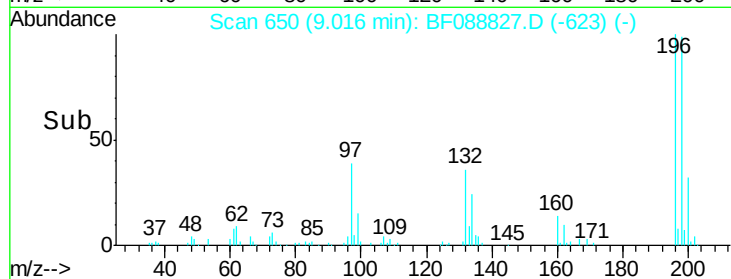
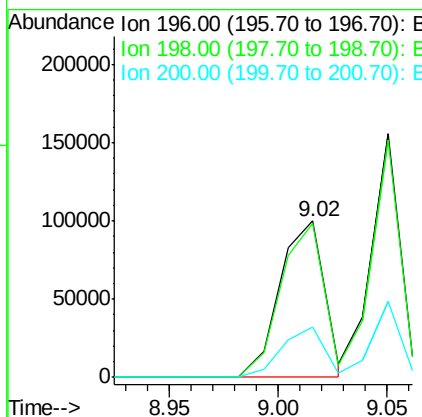
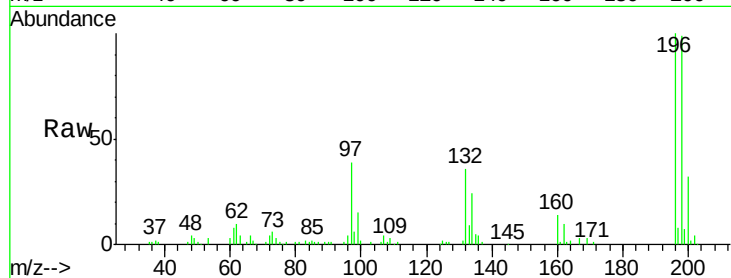
#42
 2,4,6-Trichlorophenol
 Concen: 39.03 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143172		
198	98.6	78.0	117.0	
200	32.3	25.4	38.2	

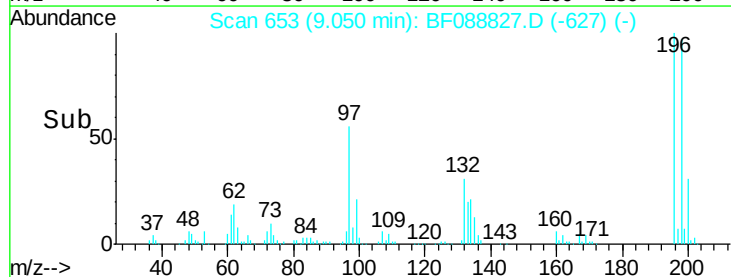
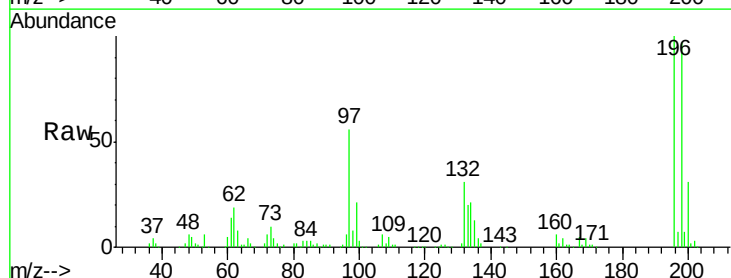
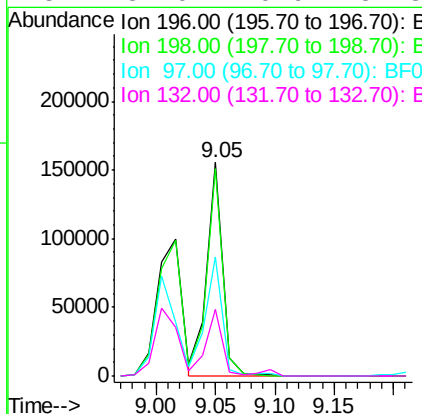
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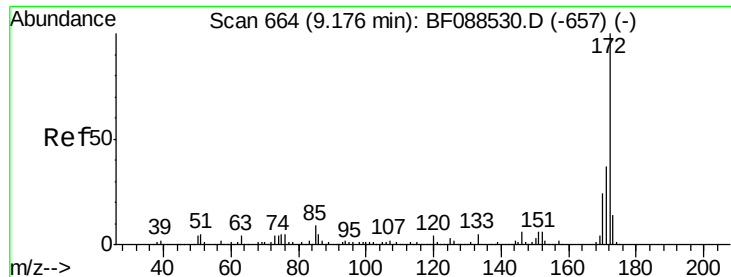
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#43
 2,4,5-Trichlorophenol
 Concen: 46.24 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145917		
198	97.3	77.5	116.3	
97	55.9	32.0	48.0#	
132	31.0	20.9	31.3	





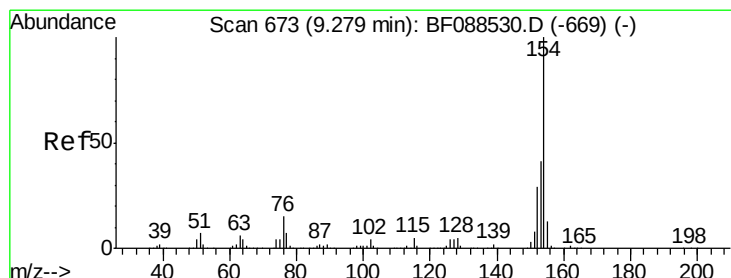
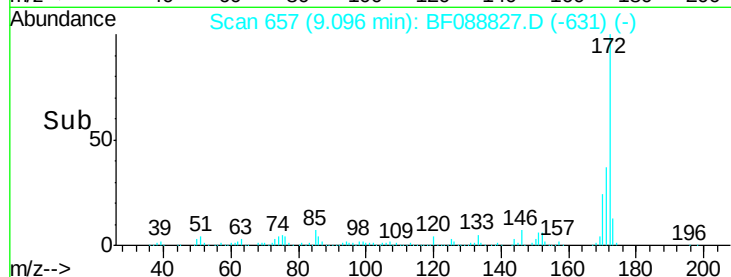
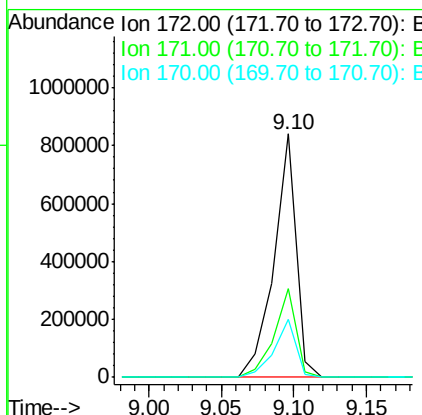
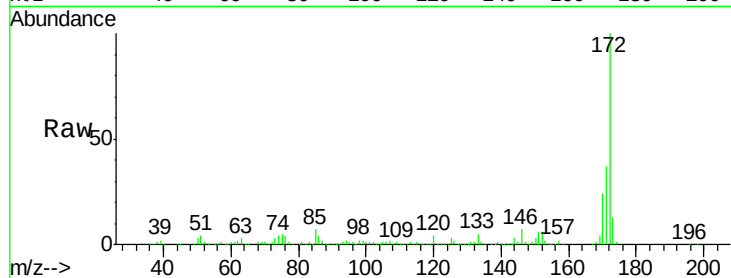
#44
 2-Fluorobiphenyl
 Concen: 84.37 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	893351		
171	36.5	28.6	43.0	
170	23.9	19.2	28.8	

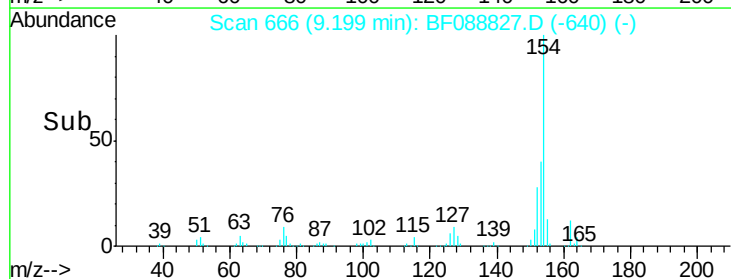
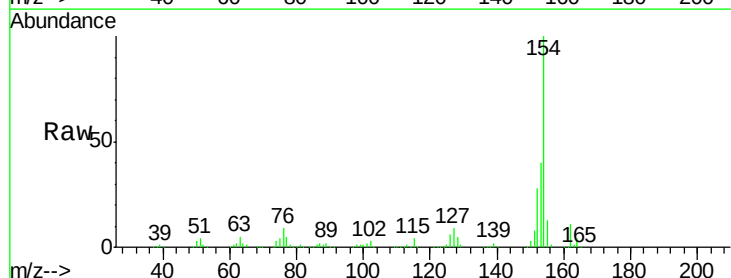
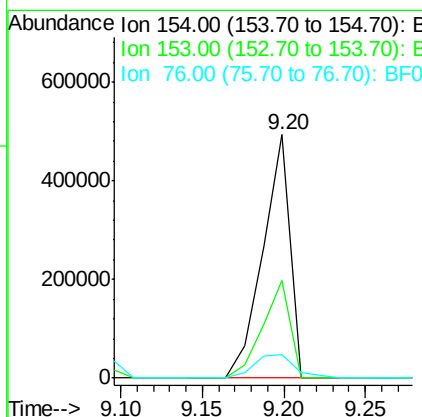
Manual Integrations
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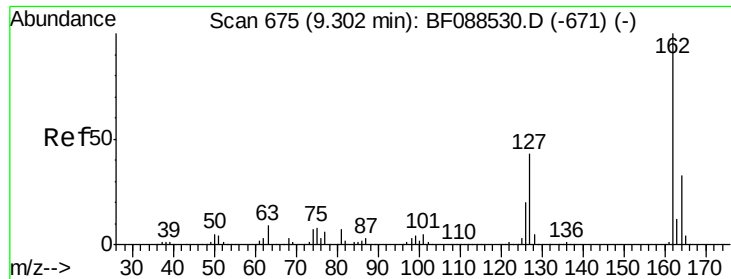
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#45
 1,1'-Biphenyl
 Concen: 41.13 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	569624		
153	40.4	20.6	60.6	
76	9.4	0.0	35.1	





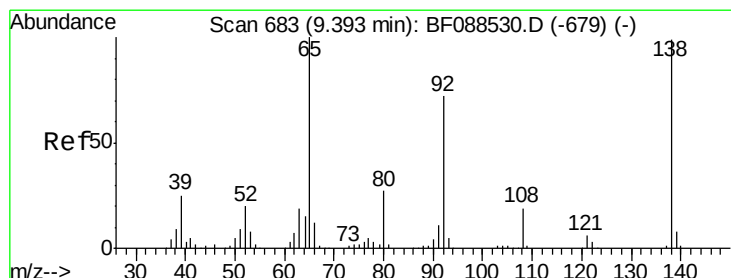
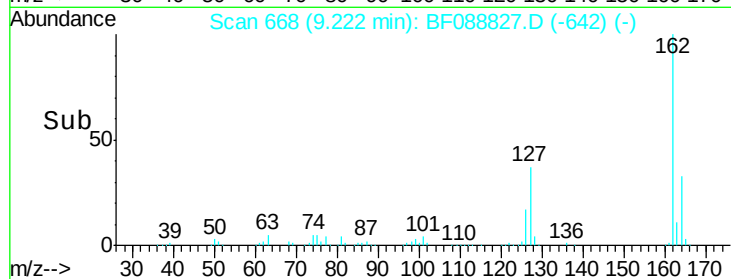
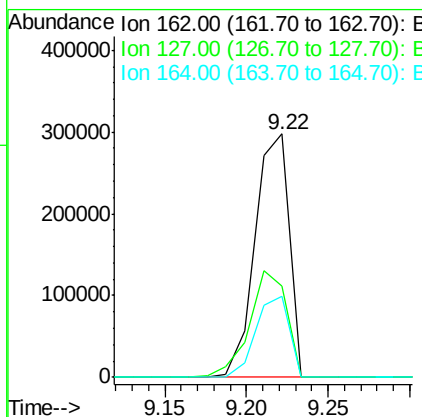
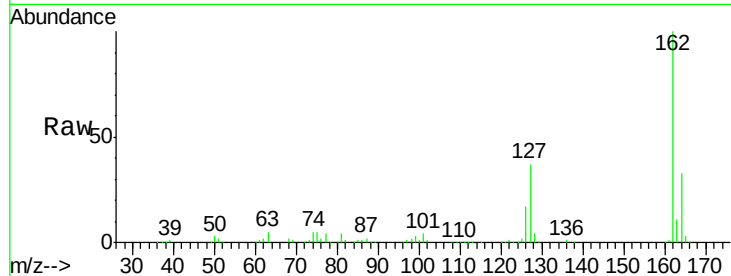
#46
 2-Chloronaphthalene
 Concen: 39.80 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	432790		
127	37.3	35.2	52.8	
164	33.4	26.6	39.8	

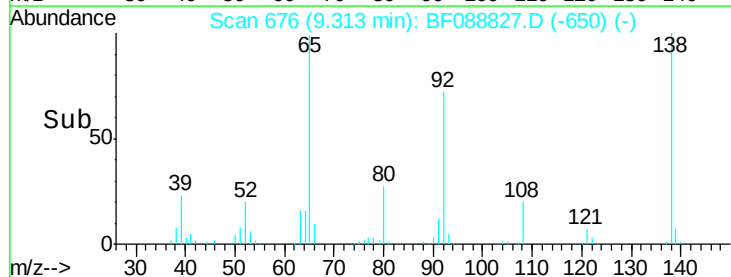
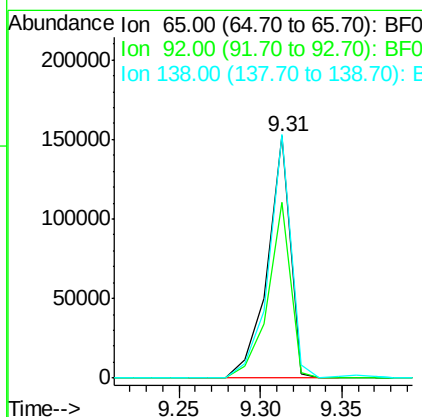
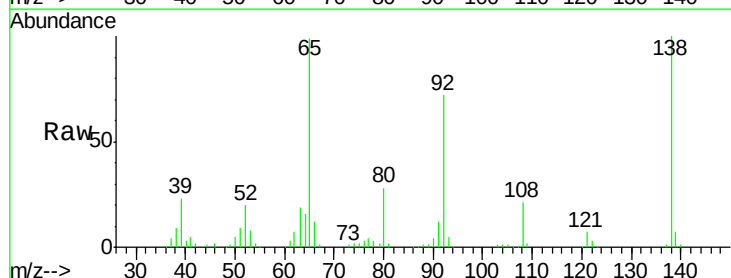
Manual Integrations
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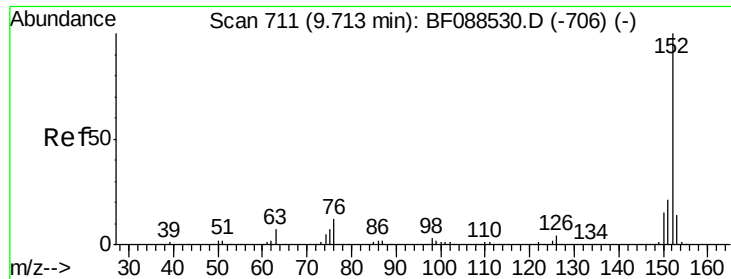
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#47
 2-Nitroaniline
 Concen: 38.52 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	148628		
92	72.8	54.6	82.0	
138	100.5	77.0	115.4	





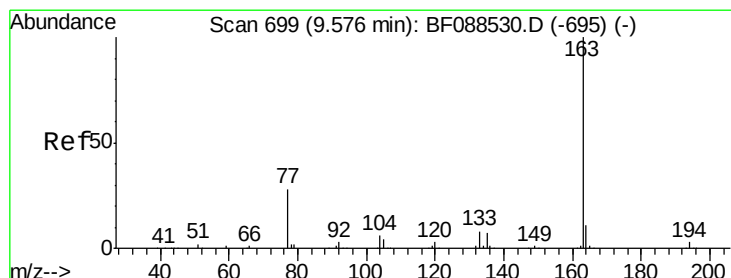
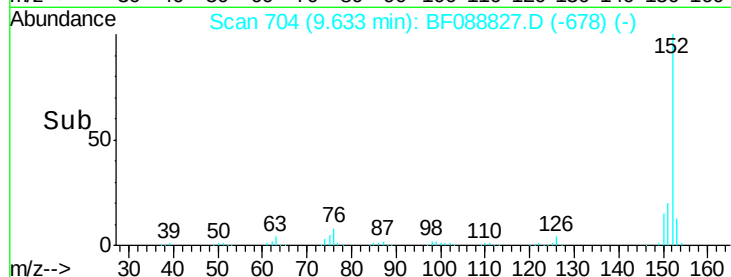
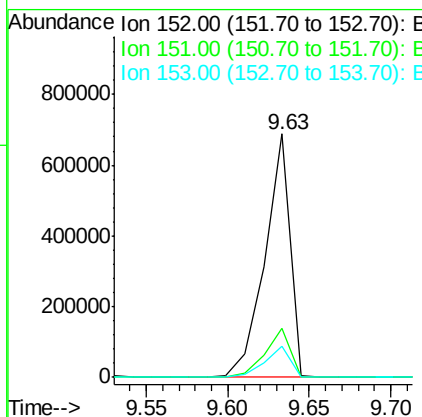
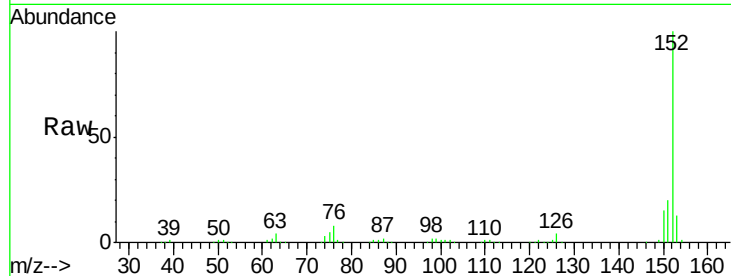
#48
Acenaphthylene
Concen: 42.72 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	739138		
151	20.1		16.2	24.4
153	12.9		11.0	16.6

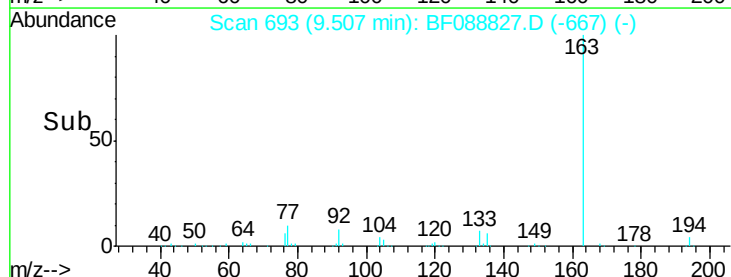
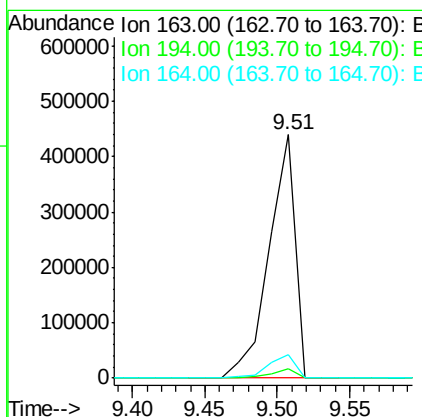
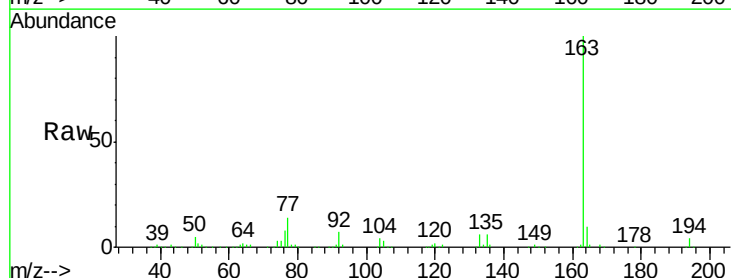
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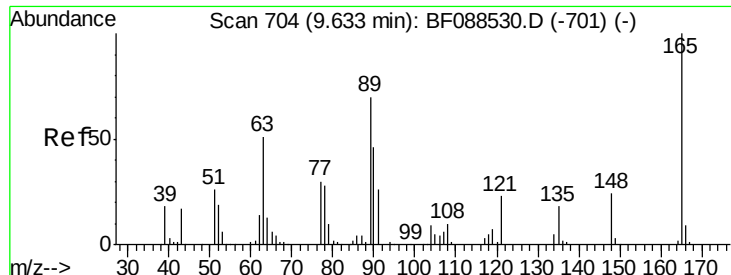
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#49
Dimethylphthalate
Concen: 46.04 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	548650		
194	3.7		2.8	4.2
164	9.5		8.3	12.5





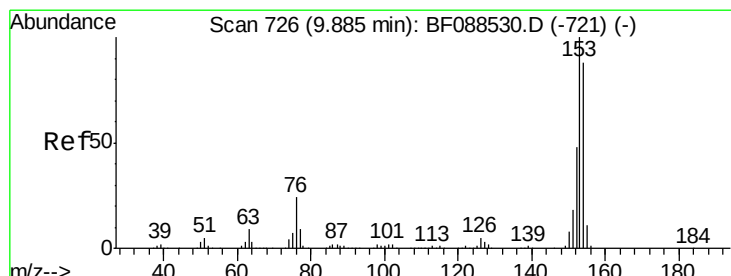
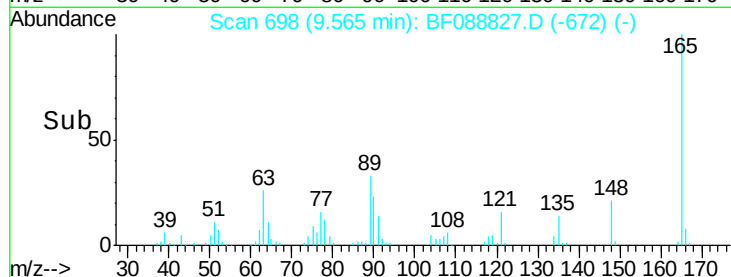
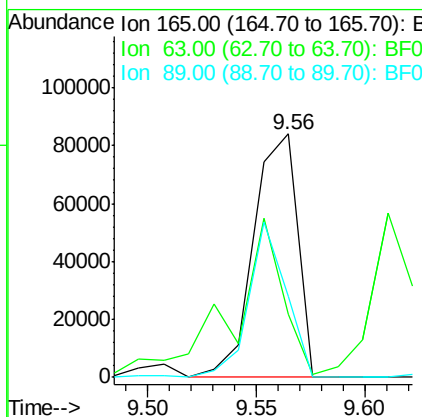
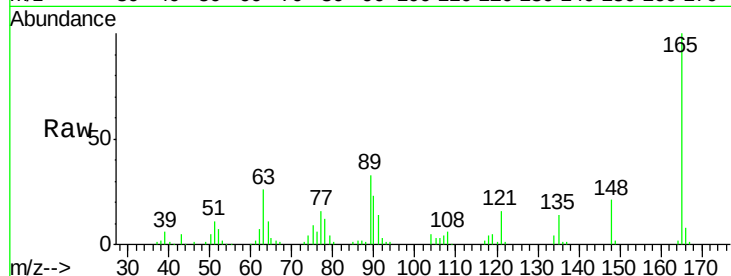
#50
 2,6-Dinitrotoluene
 Concen: 44.83 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118398		
63	25.8	28.1	42.1#	
89	33.4	32.2	48.2	

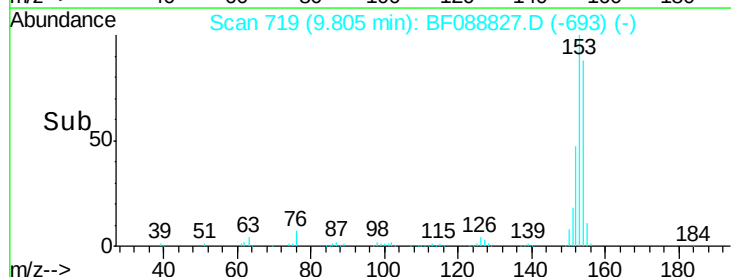
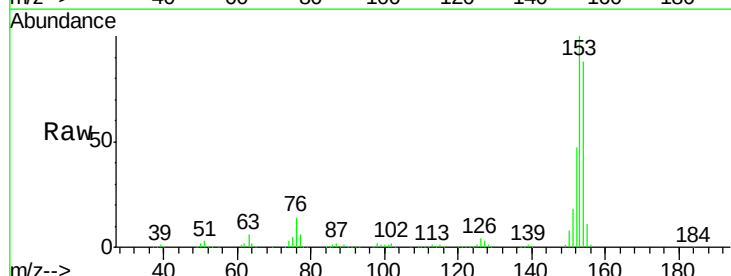
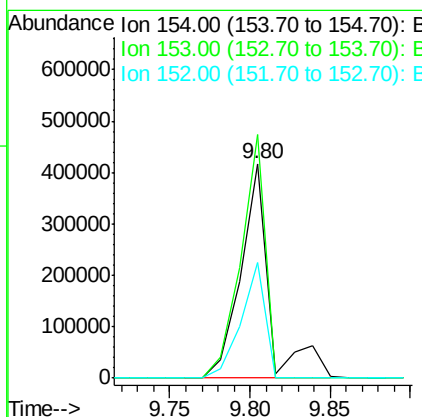
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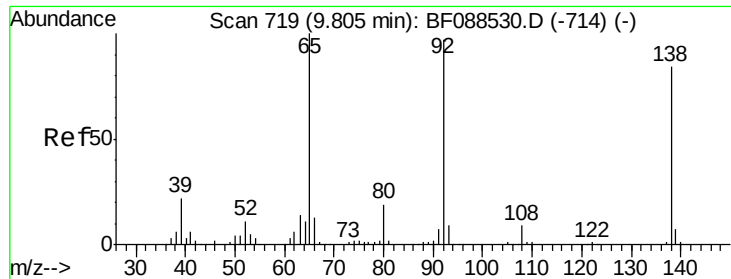
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#51
 Acenaphthene
 Concen: 49.60 ng m
 RT: 9.80 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	526036		
153	113.4	89.5	134.3	
152	53.8	42.7	64.1	





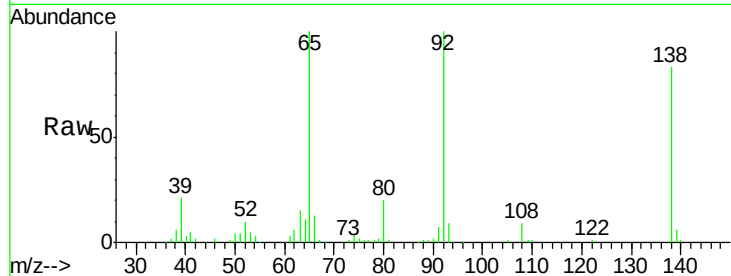
#52
 3-Nitroaniline
 Concen: 26.26 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

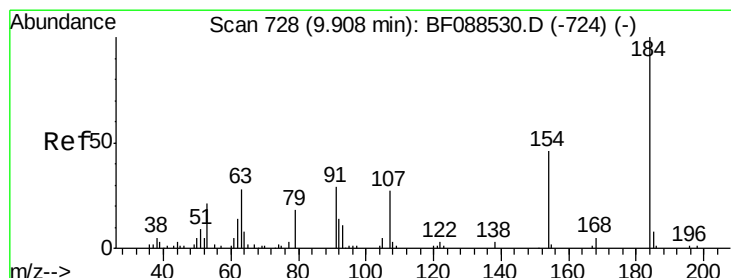
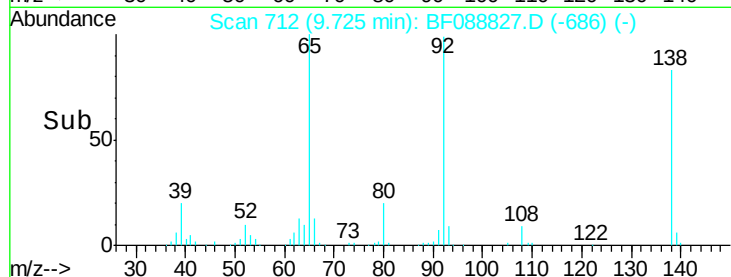
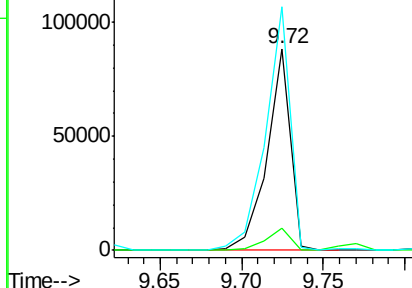
Tgt Ion:138 Resp: 88177
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.5 12.7
 92 120.6 95.7 143.5

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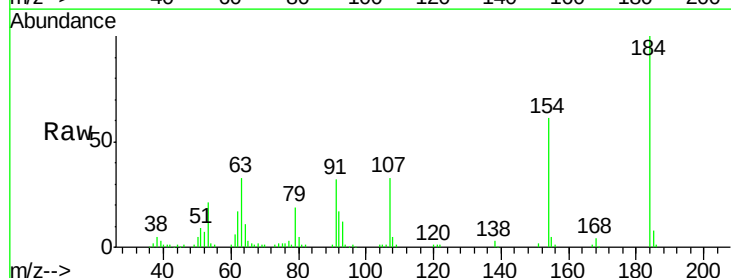


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

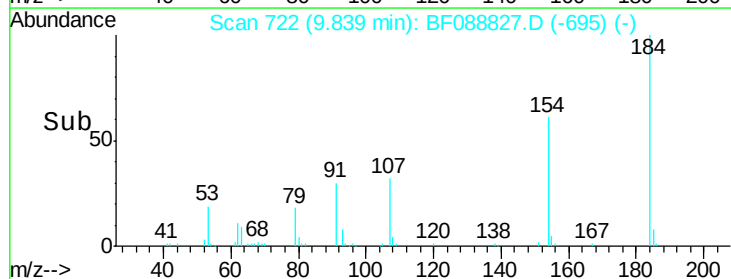
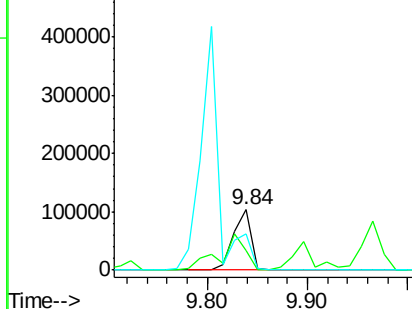


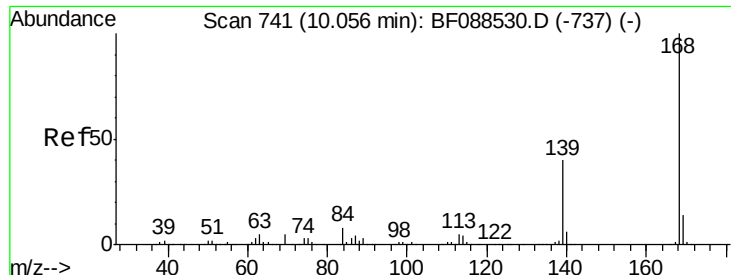
#53
 2,4-Dinitrophenol
 Concen: 110.83 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion:184 Resp: 129237
 Ion Ratio Lower Upper
 184 100
 63 33.5 57.6 86.4#
 154 61.2 53.5 80.3



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





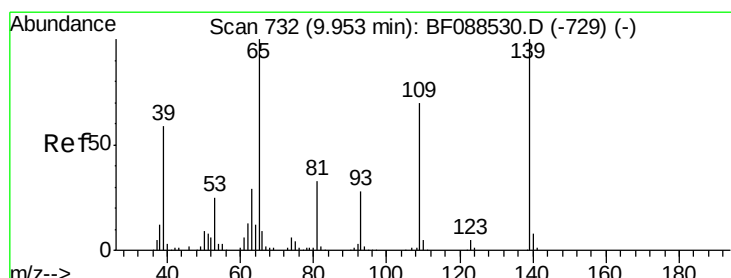
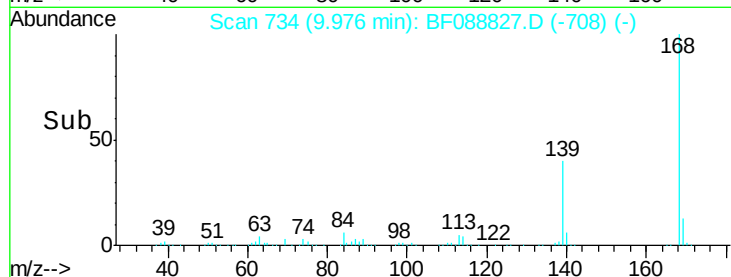
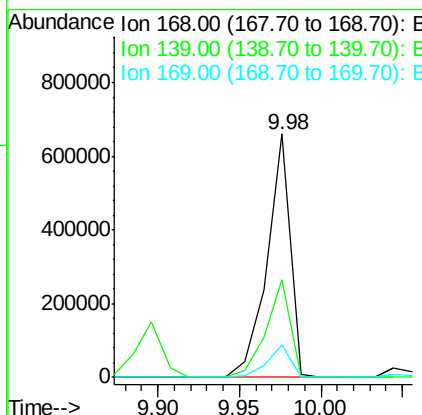
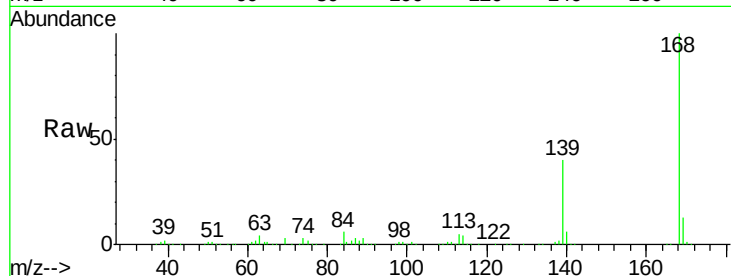
#54
Dibenzofuran
Concen: 46.88 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	26.4	39.6#
169	13.2	10.4	15.6

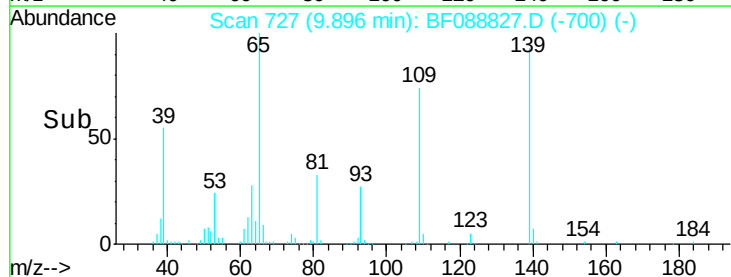
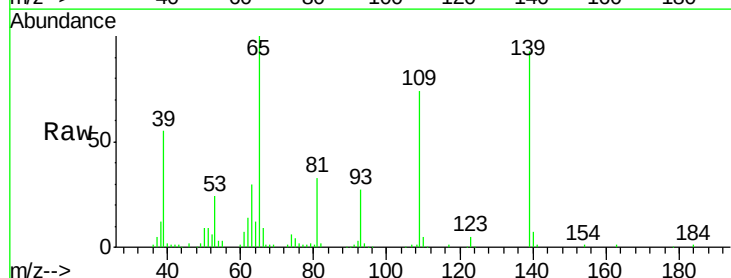
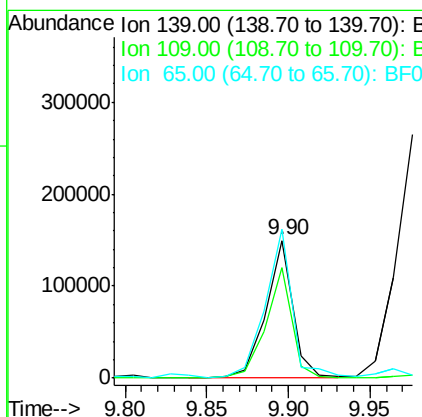
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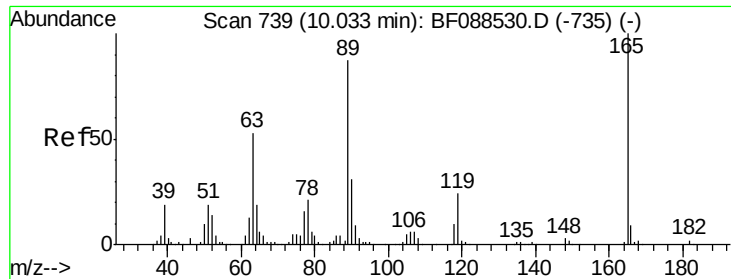
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#55
4-Nitrophenol
Concen: 67.01 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	48.9	88.9
65	107.9	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 50.31 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion:165 Resp: 173714
Ion Ratio Lower Upper

165 100

63 47.6 22.0 33.0#

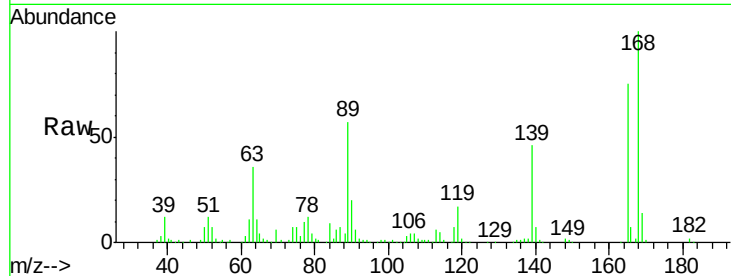
89 76.0 41.1 61.7#

182 2.5 2.0 3.0

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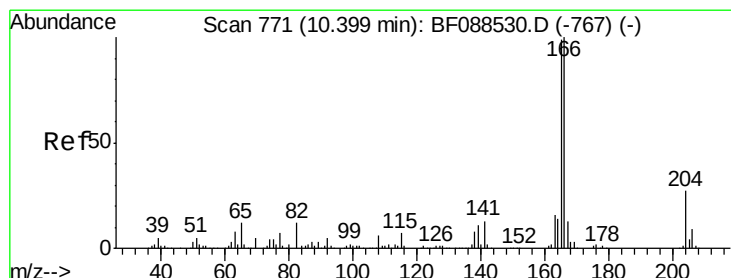
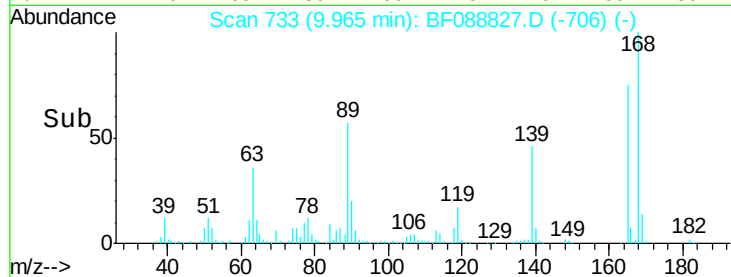
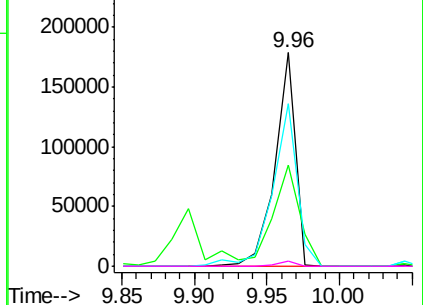


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 45.77 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Tgt Ion:166 Resp: 489547
Ion Ratio Lower Upper

166 100

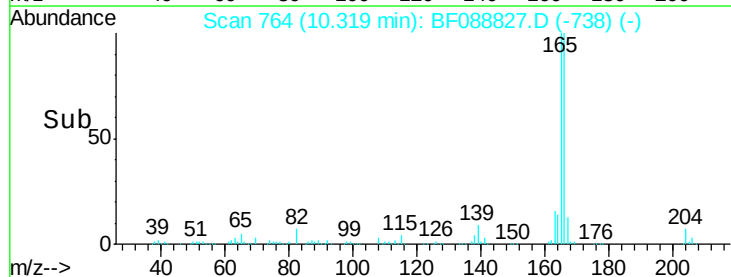
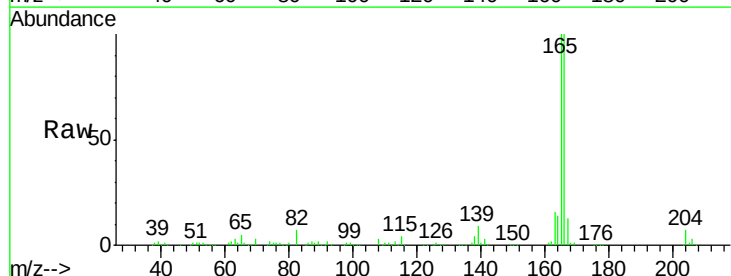
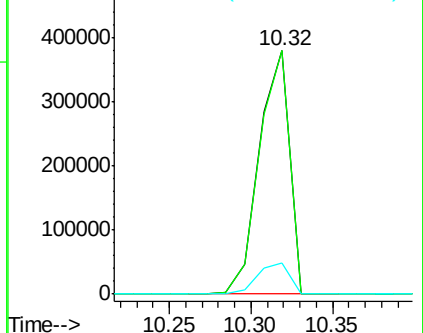
165 99.8 77.8 116.8

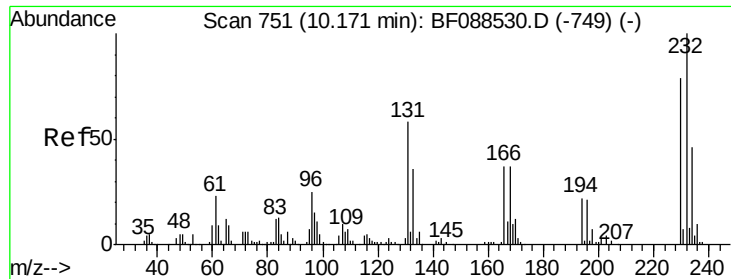
167 13.0 11.2 16.8

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





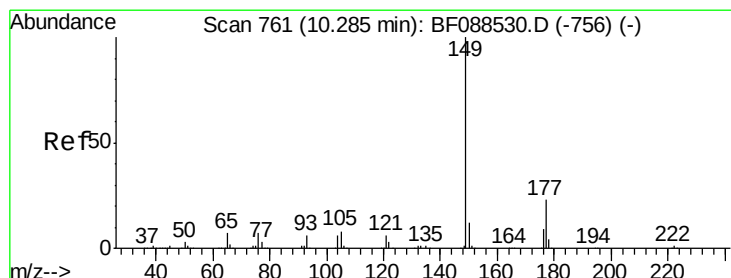
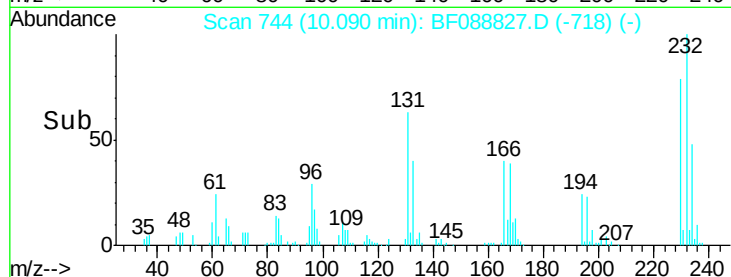
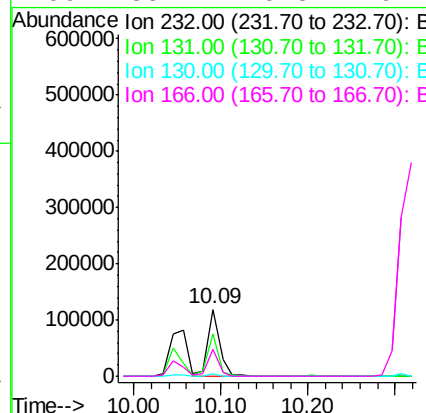
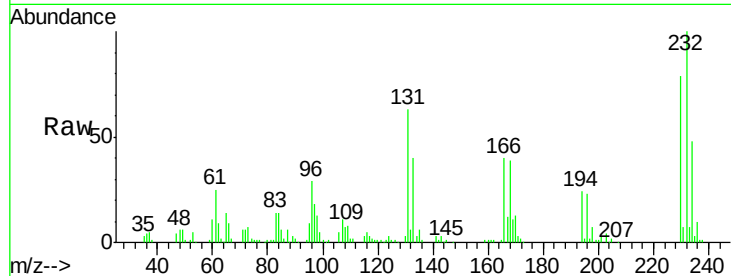
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.98 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	57.2	0.9	1.3#
130	2.9	1.5	2.3#
166	35.7	0.5	0.7#

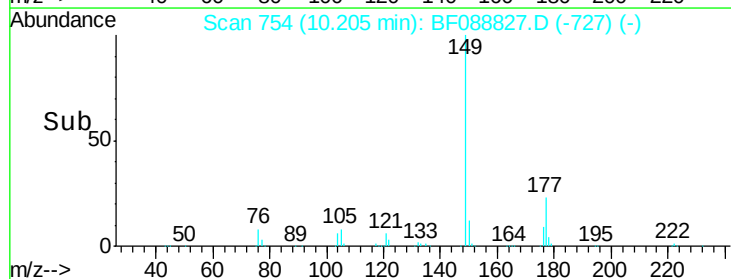
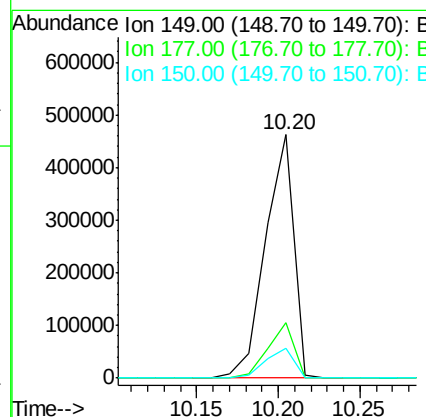
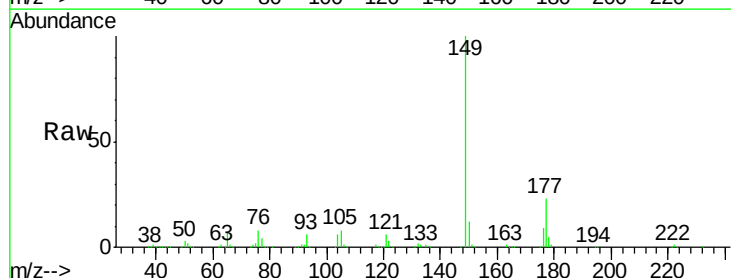
Manual Integrations
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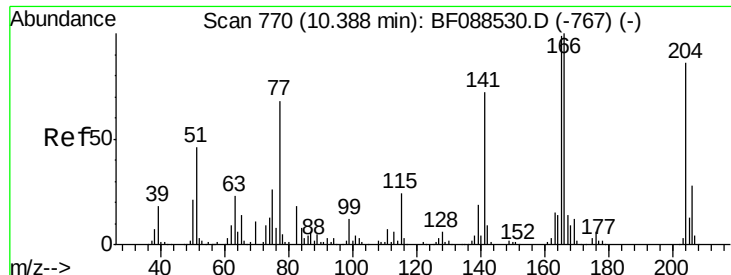
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#59
 Diethylphthalate
 Concen: 46.84 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.8	16.9	25.3
150	12.3	10.1	15.1





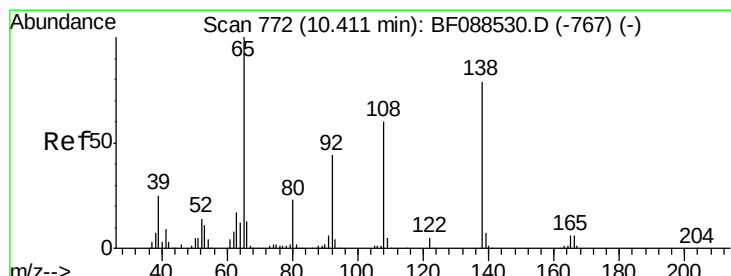
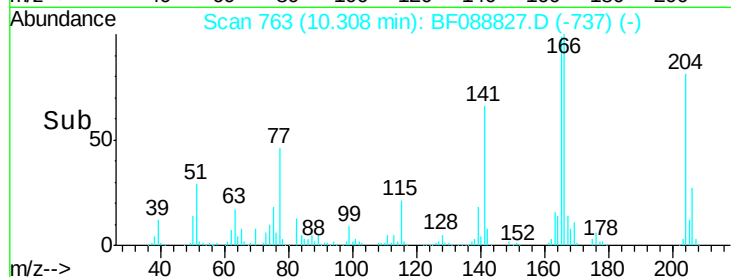
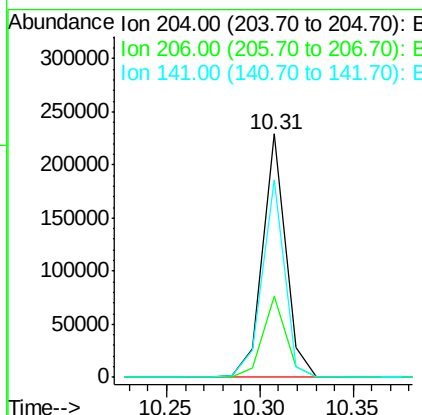
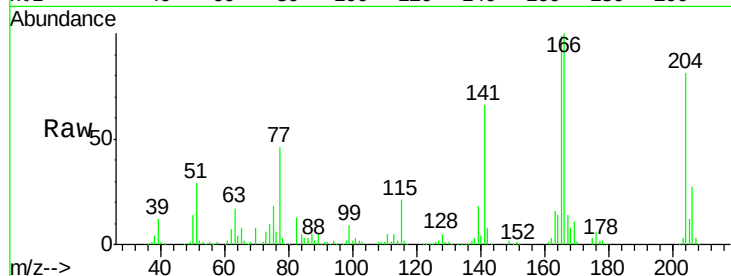
#60
 4-Chlorophenyl-phenylether
 Concen: 39.52 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	196427		
206	33.1	26.3	39.5	
141	81.3	55.0	82.6	

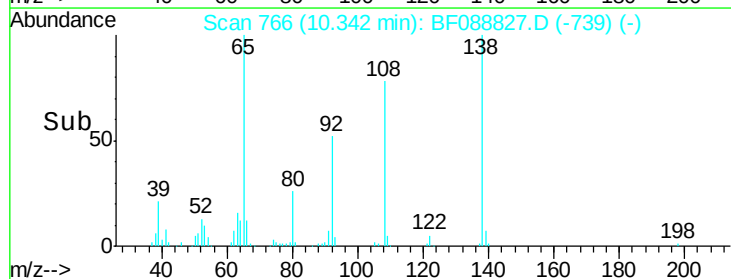
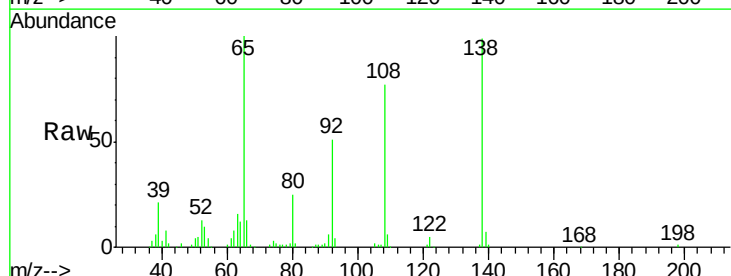
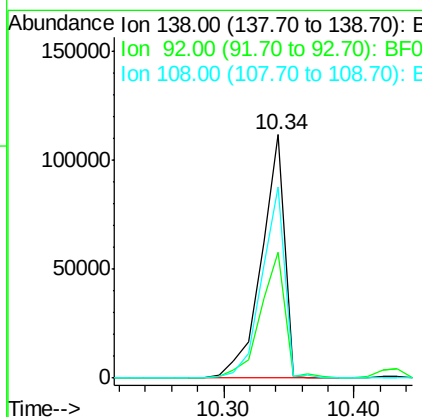
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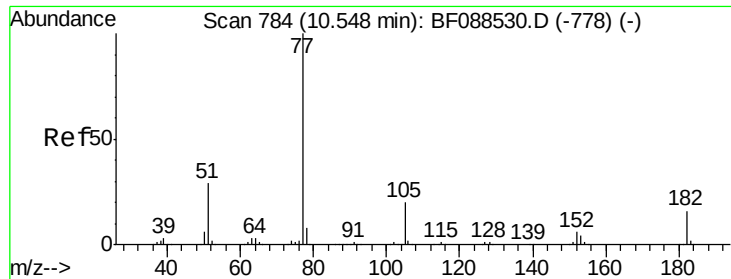
UMANGI
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#61
 4-Nitroaniline
 Concen: 42.80 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	138267		
92	51.9	27.3	67.3	
108	78.3	46.7	86.7	





#62

Azobenzene

Concen: 43.67 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

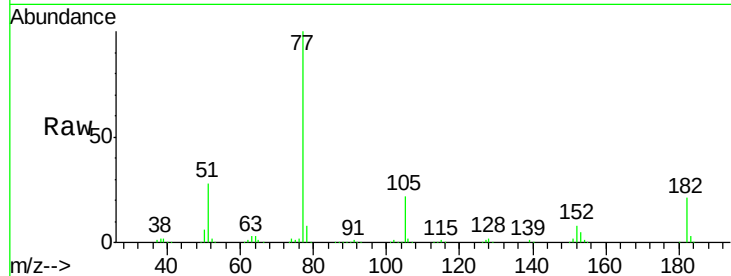
ClientSampleId :

PB91873BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	4.4	44.4
105	21.7	3.8	43.8
51	27.8	9.3	49.3

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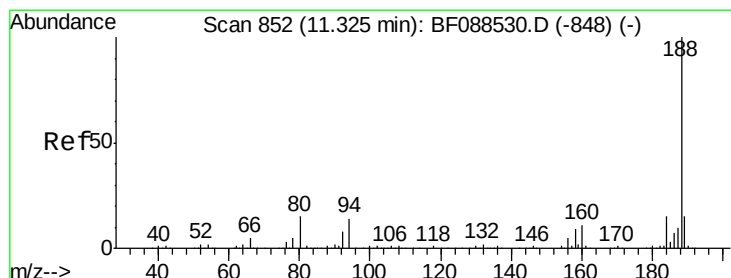
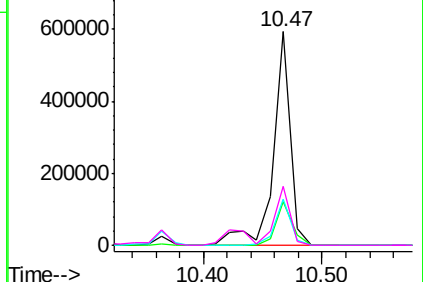
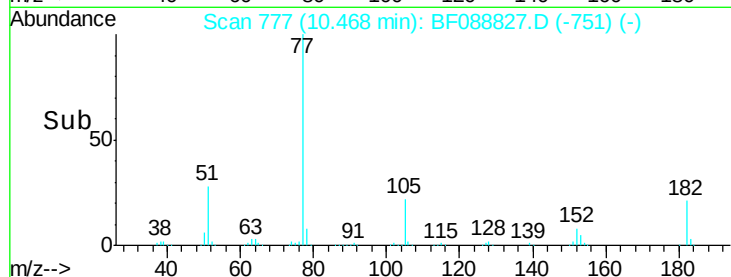


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

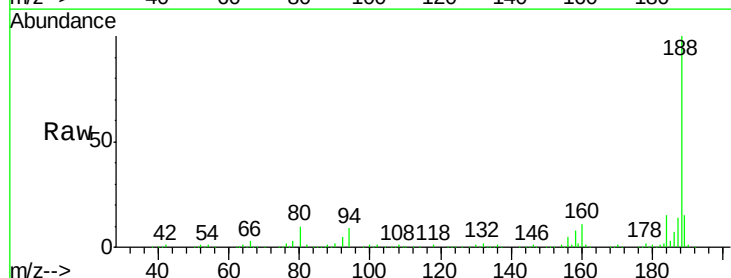
RT: 11.24 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

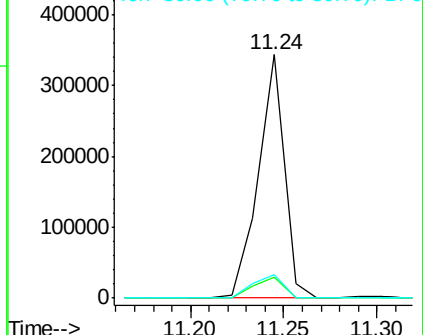
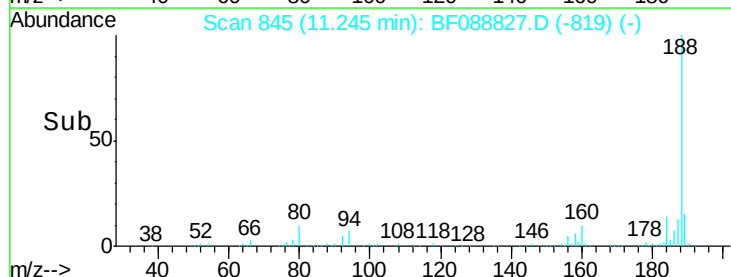
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.6#
80	9.7	10.0	15.0#

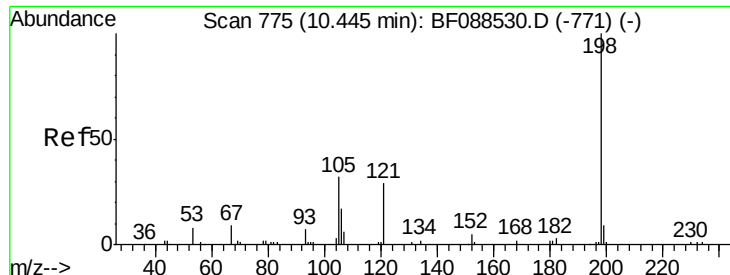


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.52 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion:198 Resp: 73223

Ion Ratio Lower Upper

198 100

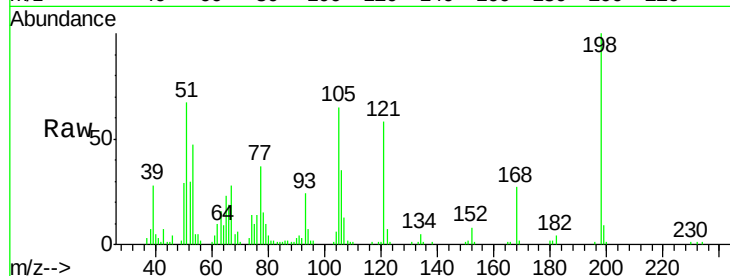
51 67.4 39.6 79.6

105 64.6 36.6 76.6

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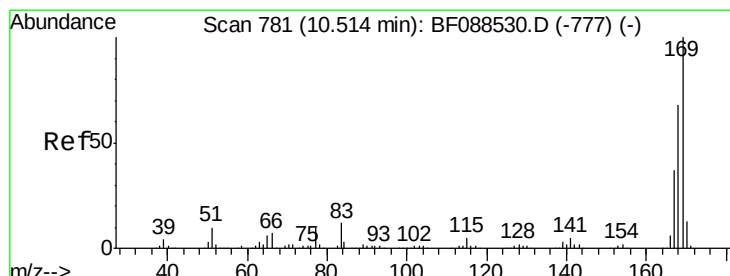
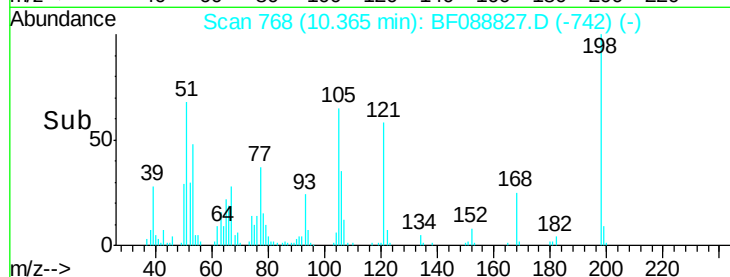
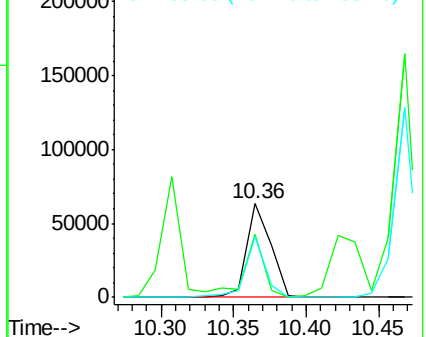
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.59 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

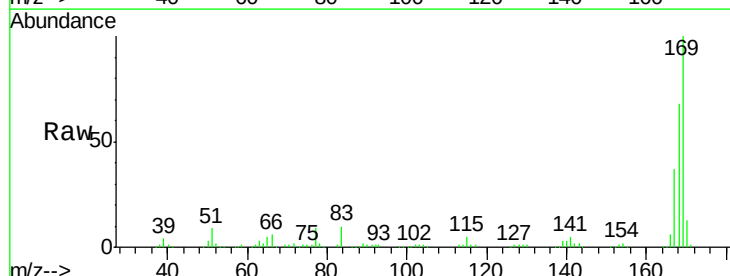
Tgt Ion:169 Resp: 464142

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

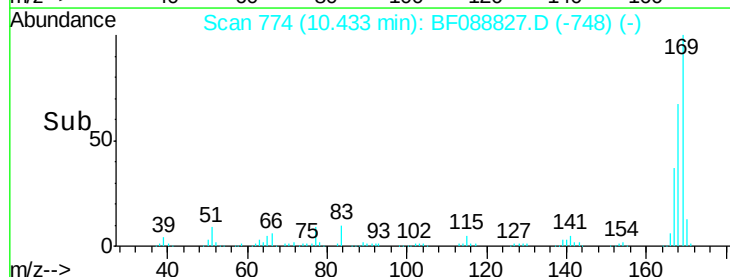
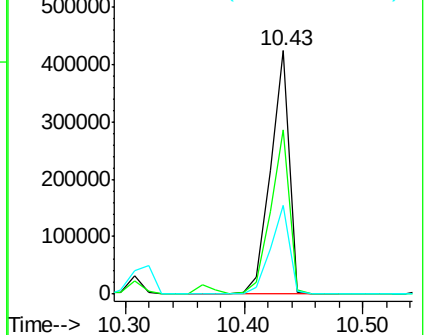
167 36.6 29.4 44.0

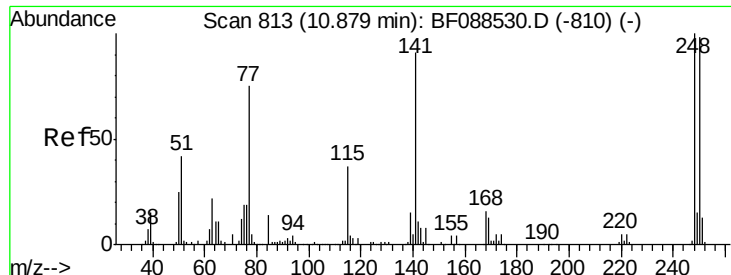


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





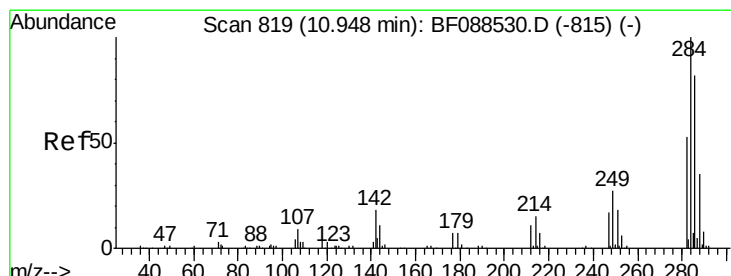
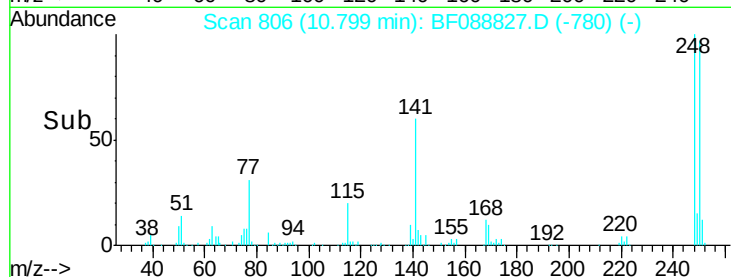
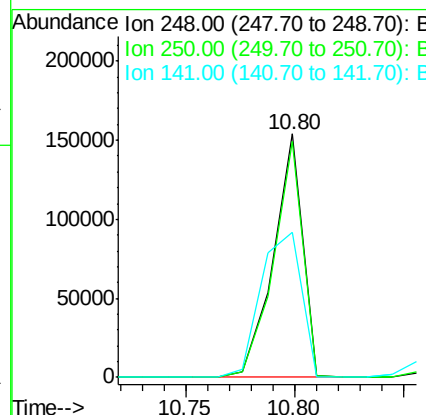
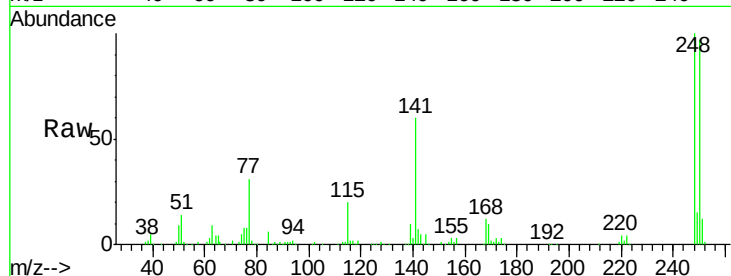
#66
 4-Bromophenyl-phenylether
 Concen: 43.86 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.1	115.7
141	59.7	50.6	76.0

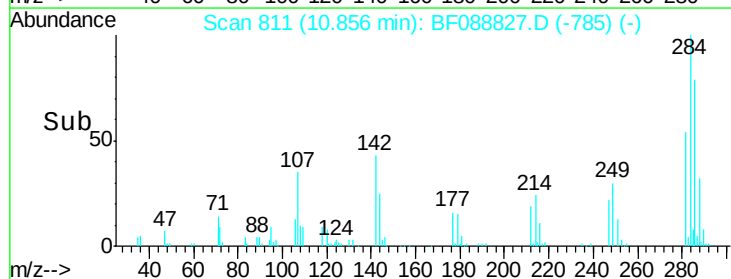
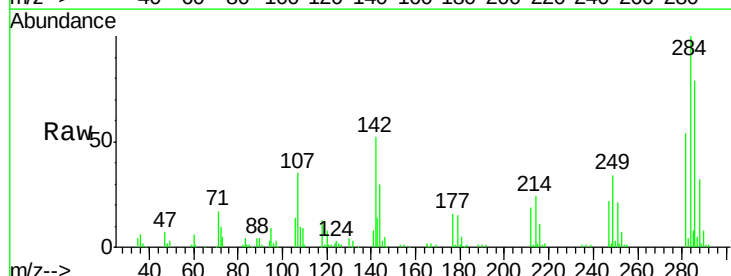
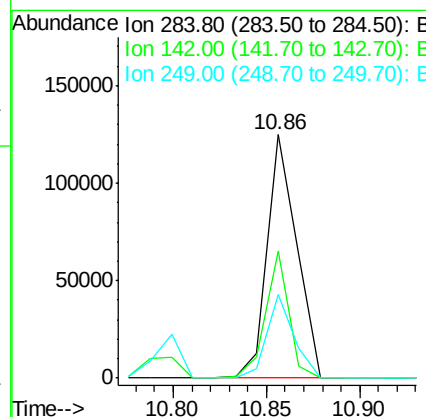
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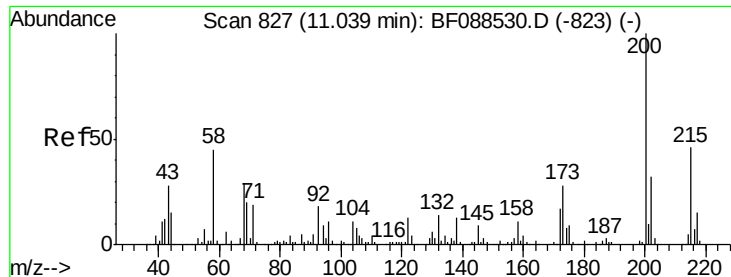
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#67
 Hexachlorobenzene
 Concen: 37.69 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.0	35.8	53.8
249	34.2	25.8	38.6





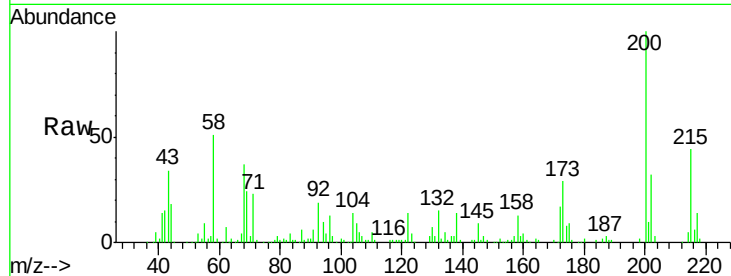
#68
Atrazine
Concen: 37.17 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

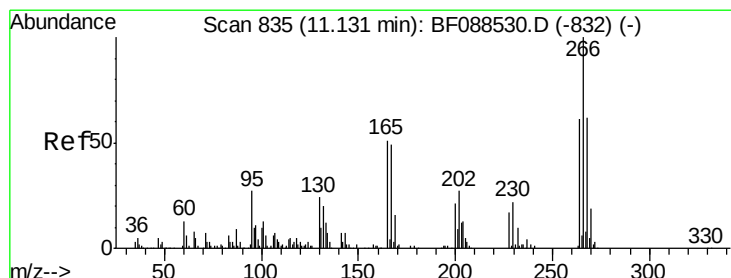
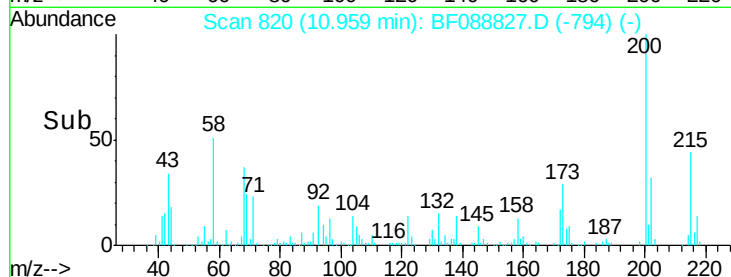
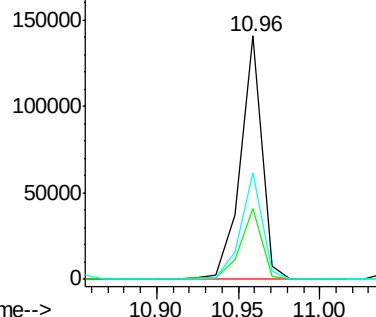
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.8	4.0	44.0
215	43.9	29.3	69.3

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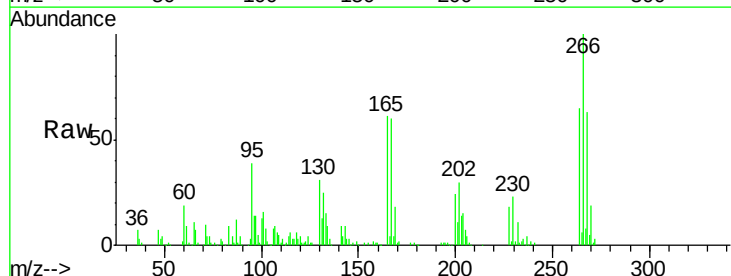


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

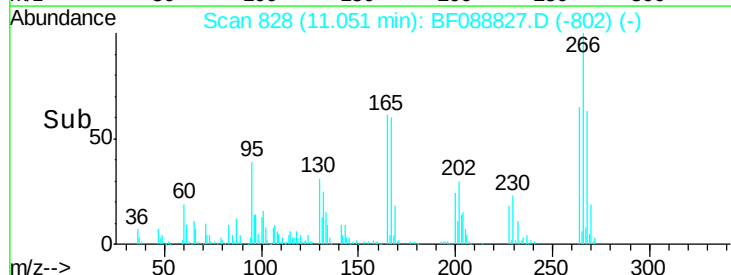
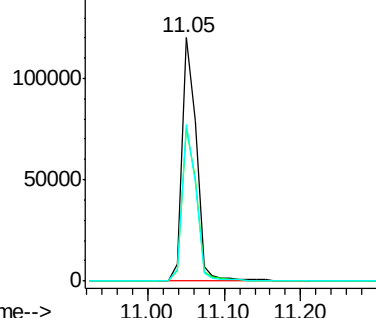


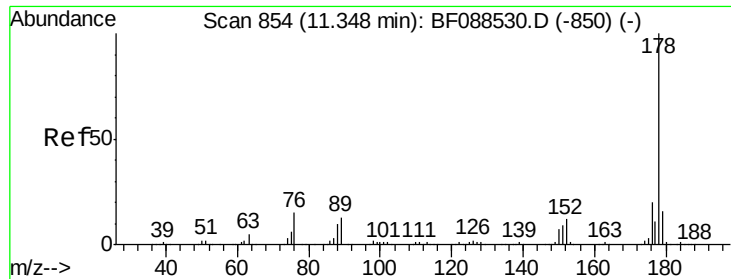
#69
Pentachlorophenol
Concen: 70.71 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	52.8	79.2
264	64.6	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





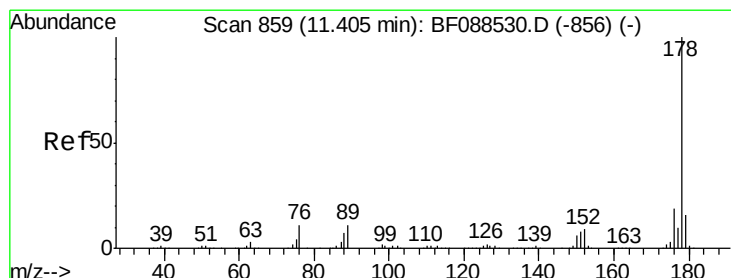
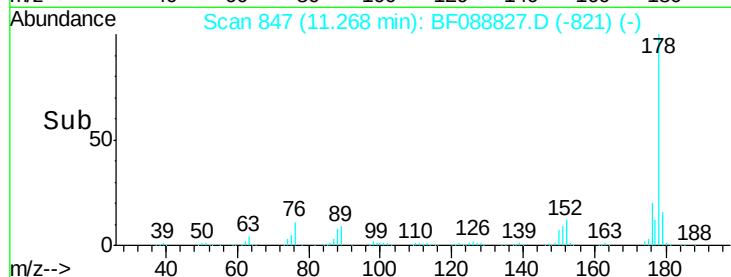
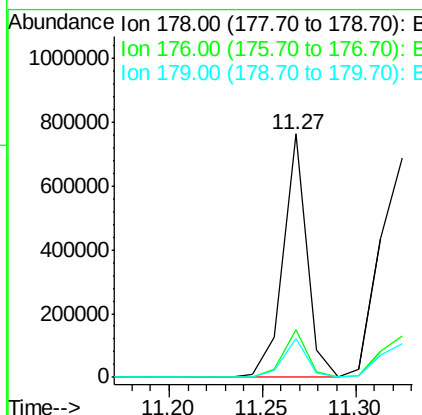
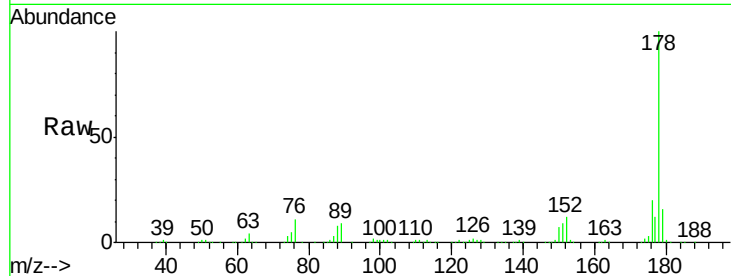
#70
Phenanthrene
Concen: 37.47 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:178 Resp: 675328
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 13.0 19.4

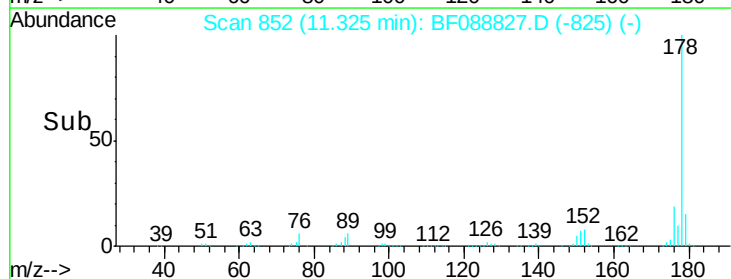
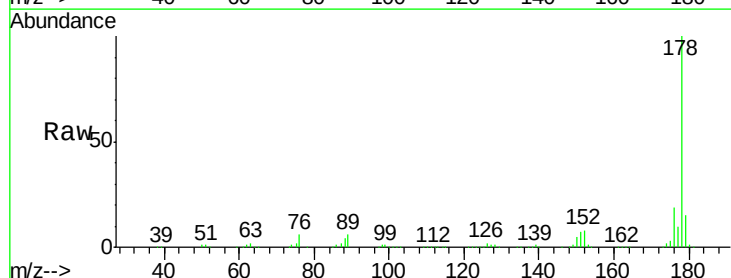
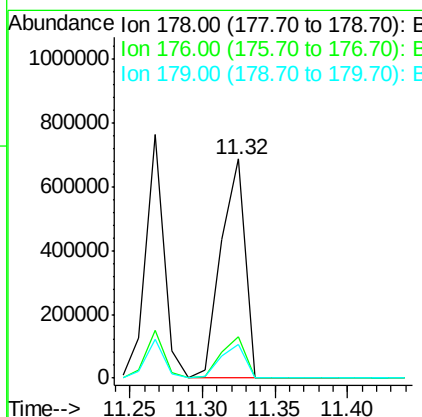
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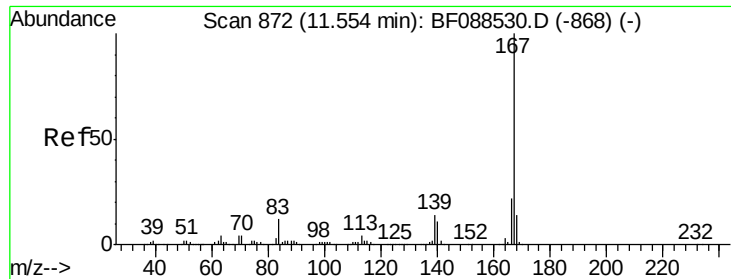
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#71
Anthracene
Concen: 44.15 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion:178 Resp: 791232
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.2 12.8 19.2





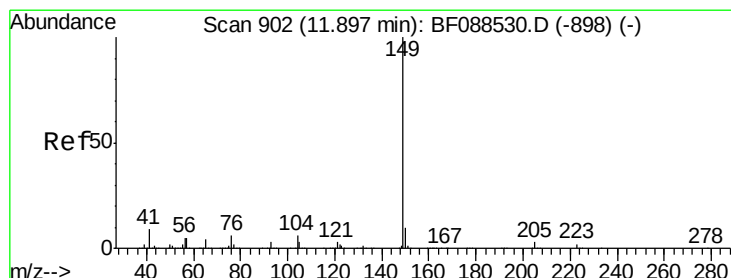
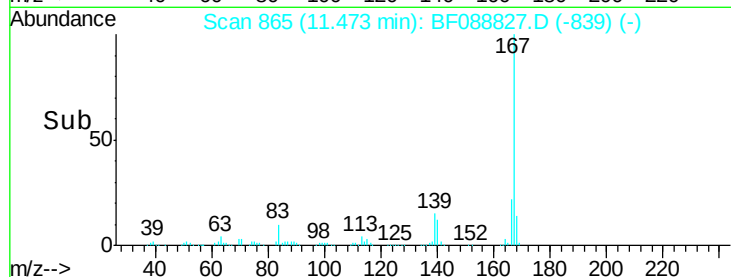
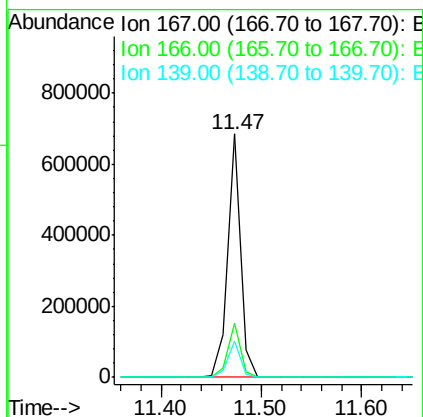
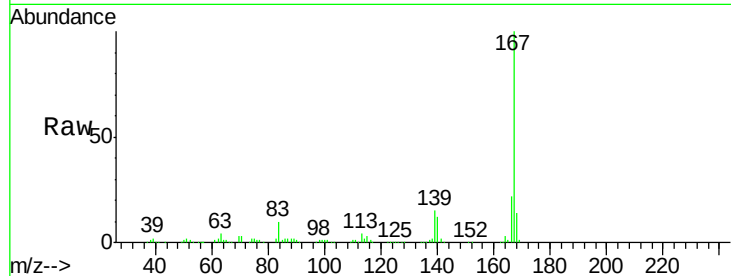
#72
 Carbazole
 Concen: 36.34 ng
 RT: 11.47 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.7	11.2	16.8

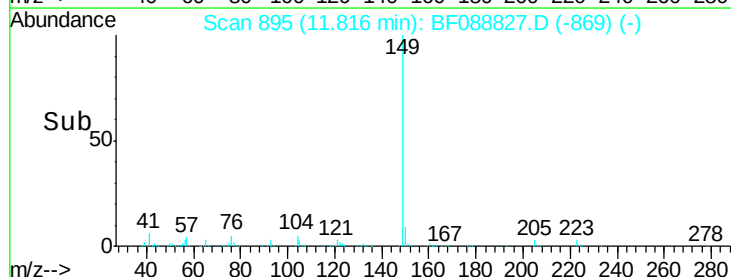
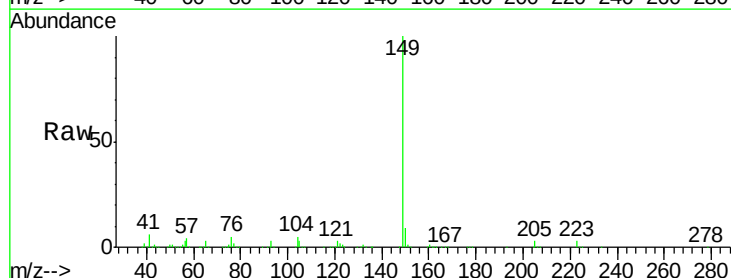
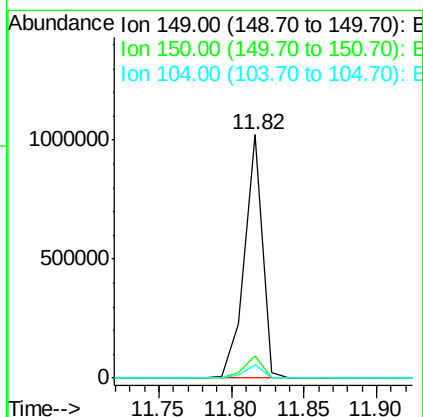
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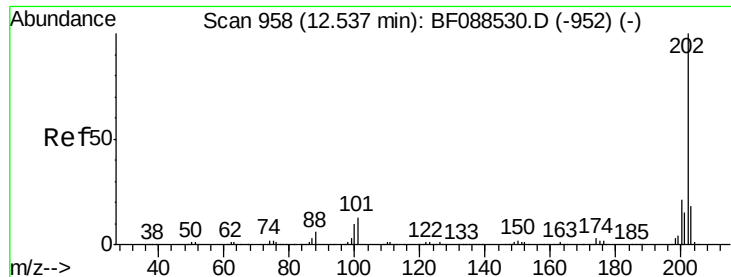
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#73
 Di-n-butylphthalate
 Concen: 44.62 ng
 RT: 11.82 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.3	4.0	6.0





#74

Fluoranthene

Concen: 36.85 ng

RT: 12.44 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

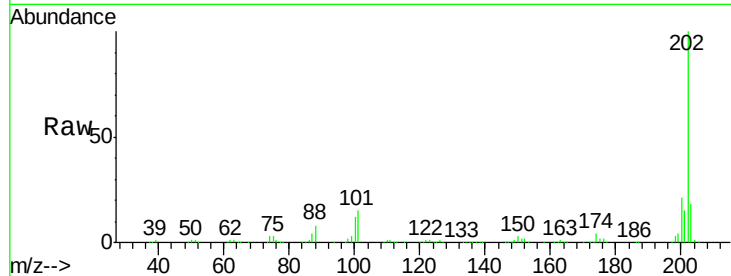
ClientSampleId :

PB91873BS

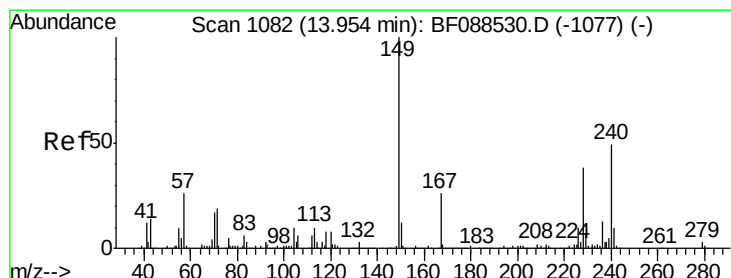
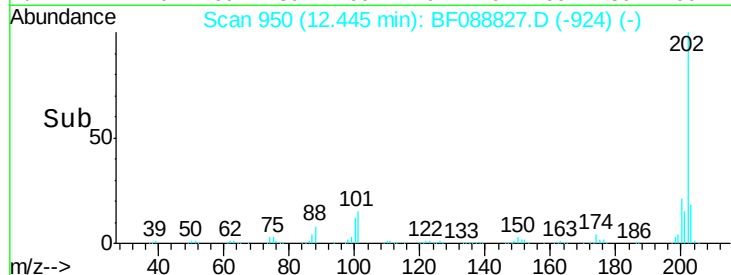
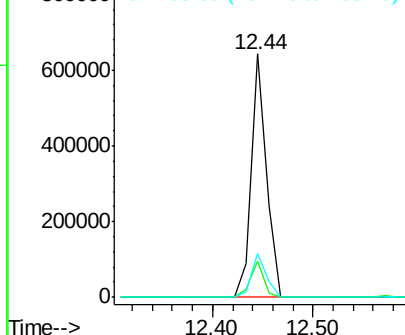
Tgt	Ion	202	Resp:	673353
Ion	Ratio	Lower	Upper	
202	100			
101	15.1	0.0	33.1	
203	18.2	0.0	38.1	

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



#75

Chrysene-d12

Concen: 20.00 ng

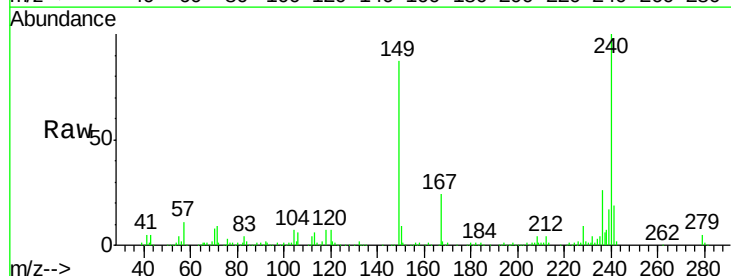
RT: 13.87 min Scan# 1075

Delta R.T. -0.00 min

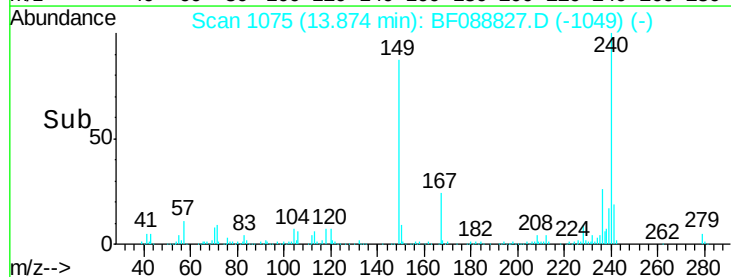
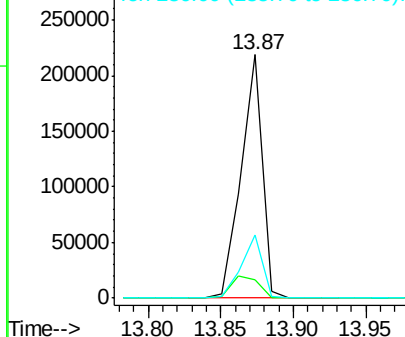
Lab File: BF088827.D

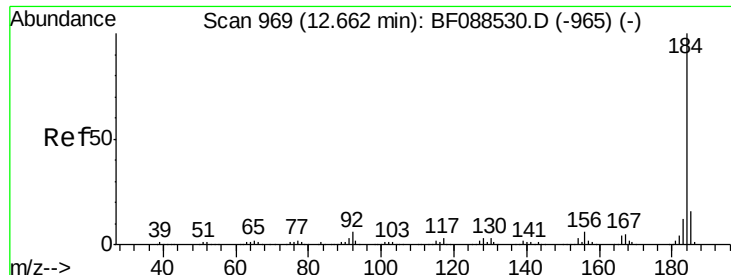
Acq: 8 Jul 2016 15:58

Tgt	Ion	240	Resp:	222025
Ion	Ratio	Lower	Upper	
240	100			
120	7.4	6.8	10.2	
236	25.7	20.2	30.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 28.59 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

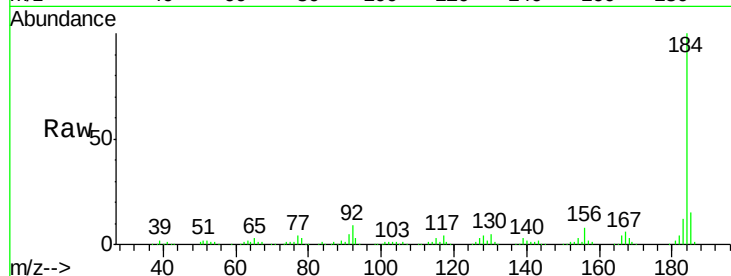
ClientSampleId :

PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	320834		
185	14.7	12.5	18.7	
183	12.2	9.3	13.9	

Manual Integrations
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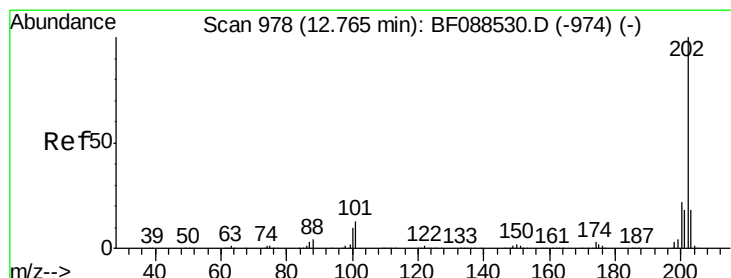
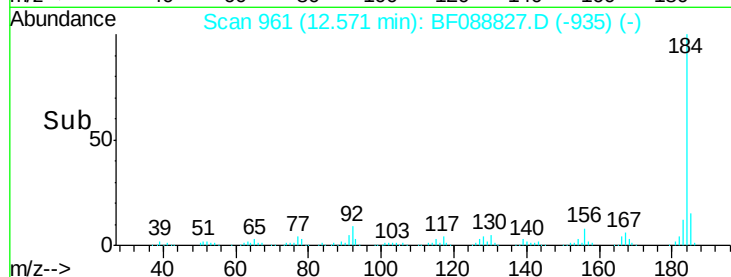
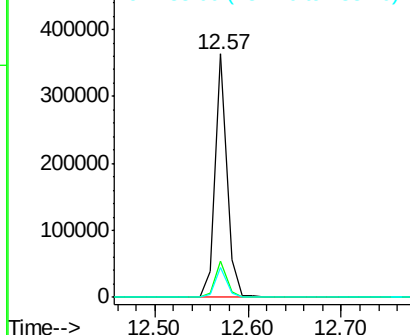
UMANGI
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.90 ng

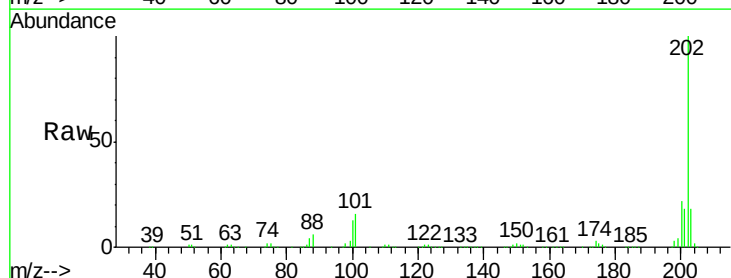
RT: 12.67 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

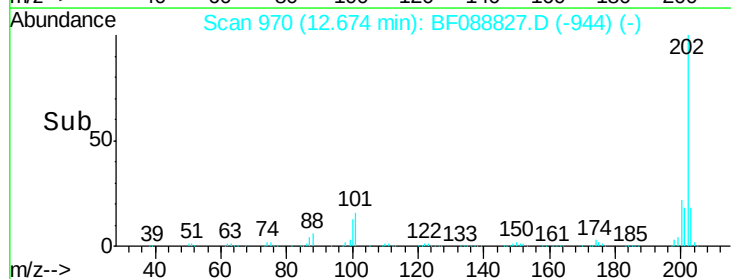
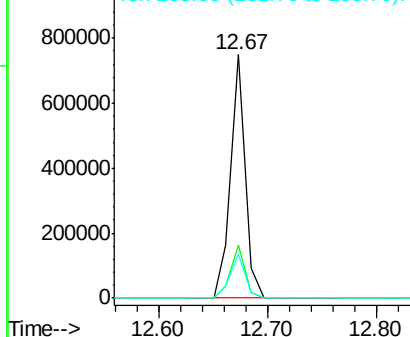
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	694617		
200	21.6	17.4	26.2	
203	17.9	14.5	21.7	

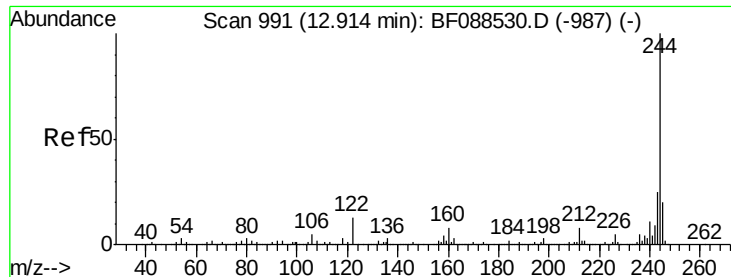


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





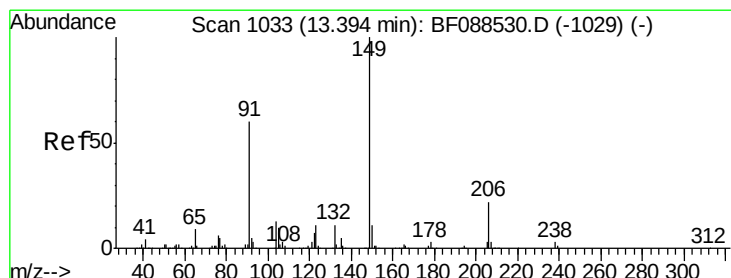
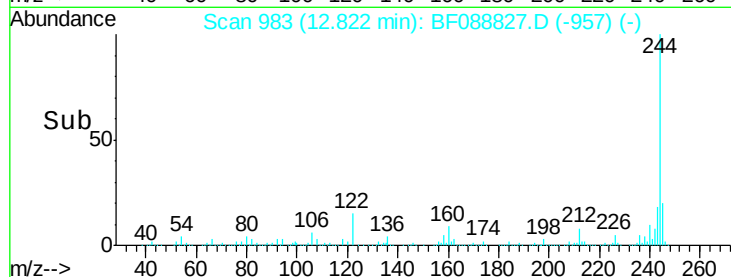
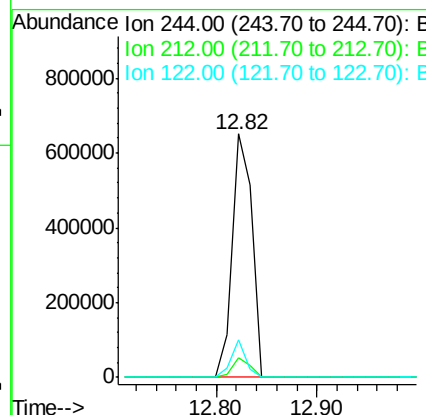
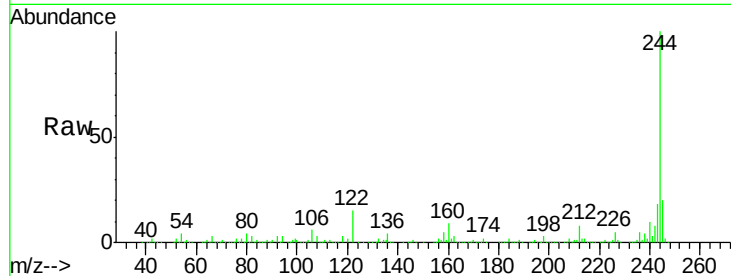
#78
 Terphenyl-d14
 Concen: 88.68 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	15.2	11.2	16.8

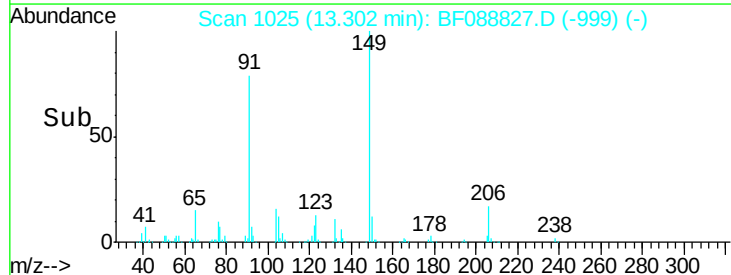
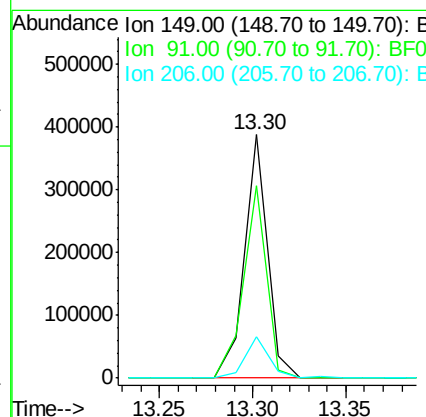
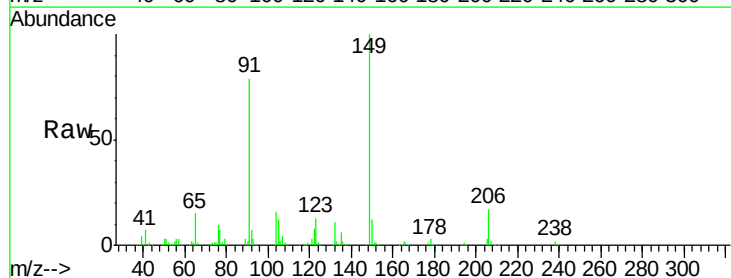
Manual Integrations
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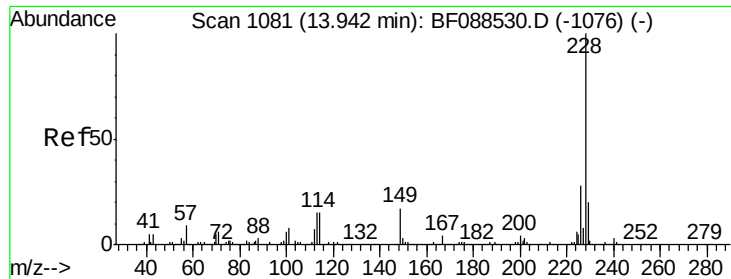
UMANGI
 7/10/2016 12:33:49 AM



#79
 Butylbenzylphthalate
 Concen: 39.83 ng
 RT: 13.30 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.8	48.0	72.0#
206	16.7	16.0	24.0





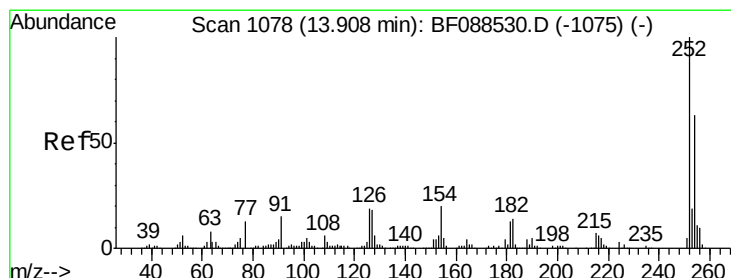
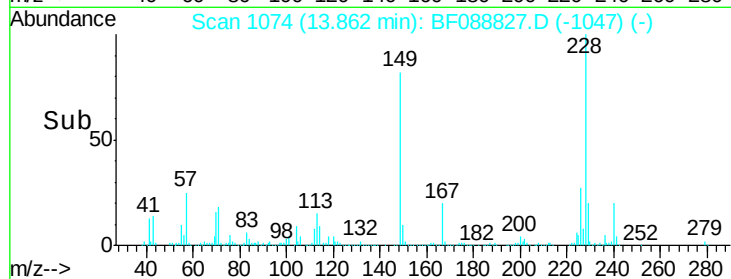
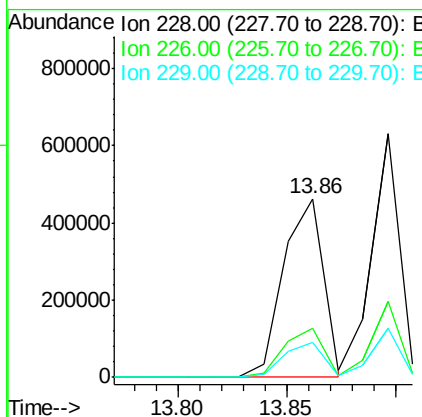
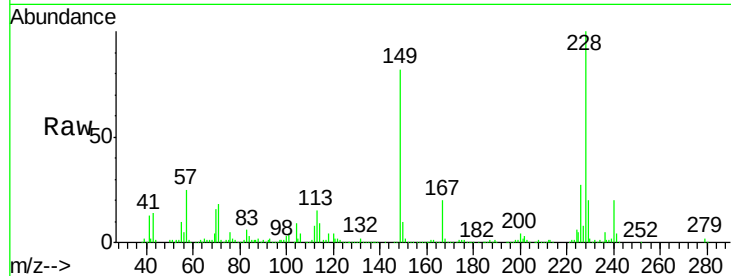
#80
Benzo(a)anthracene
Concen: 41.68 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.8	16.0	24.0

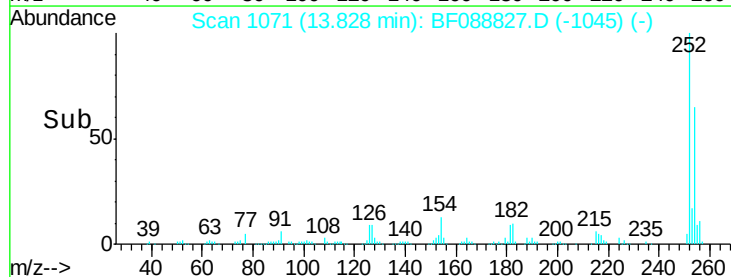
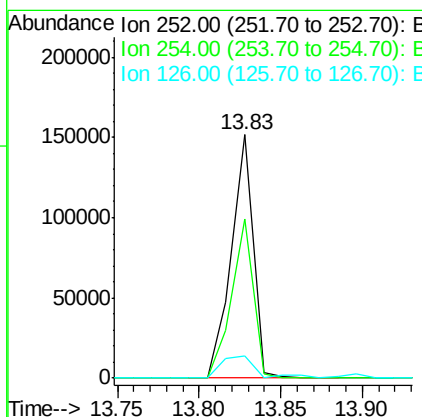
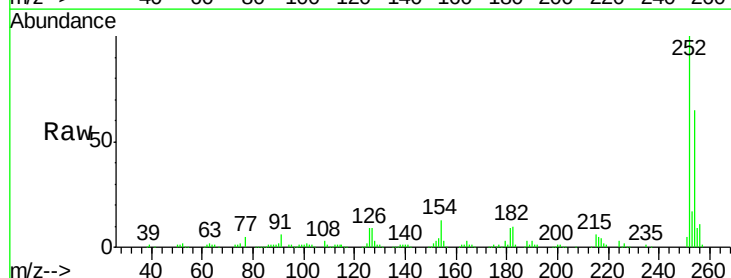
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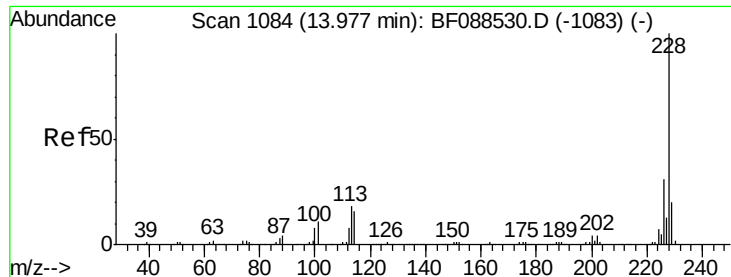
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#81
3,3'-Dichlorobenzidine
Concen: 25.97 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	9.1	6.2	9.2





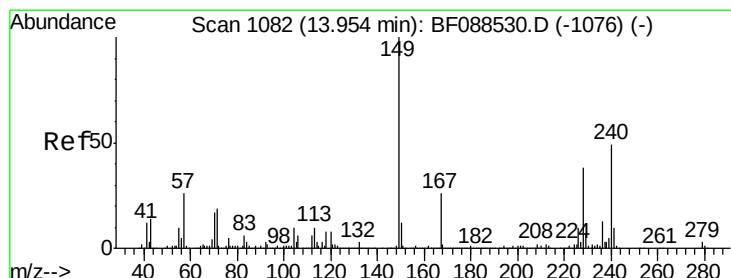
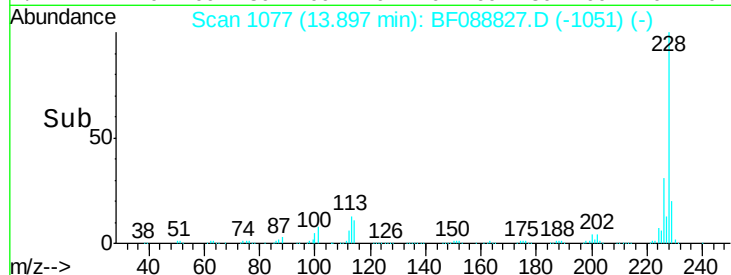
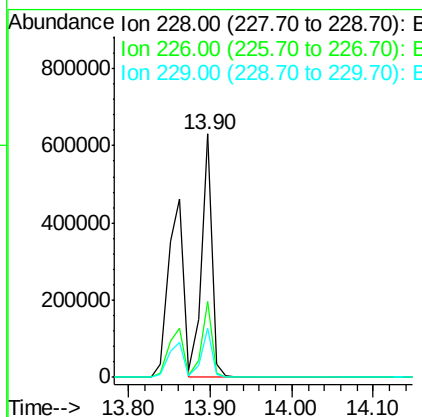
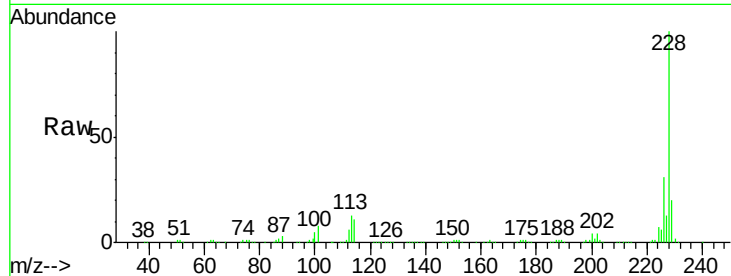
#82
Chrysene
 Concen: 40.06 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	566568		
226	31.4	25.4	38.2	
229	20.1	16.3	24.5	

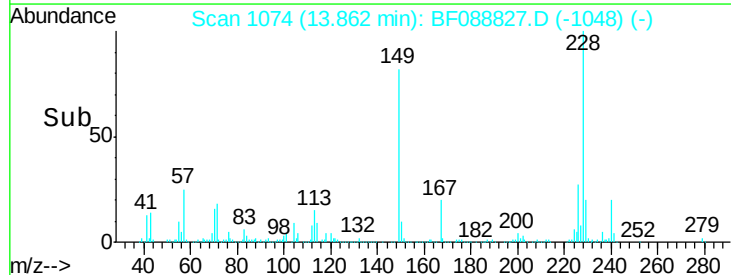
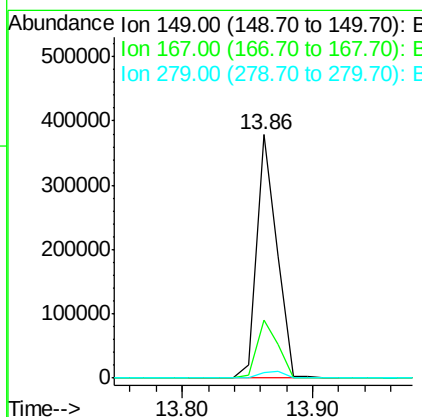
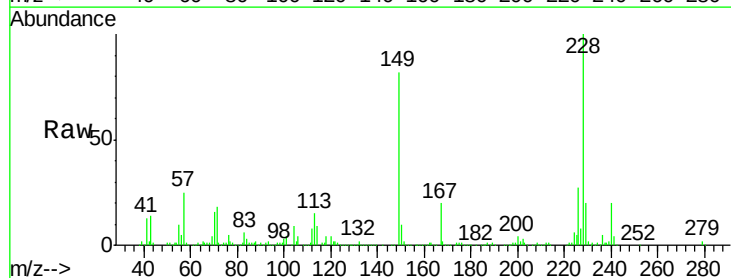
Manual Integrations
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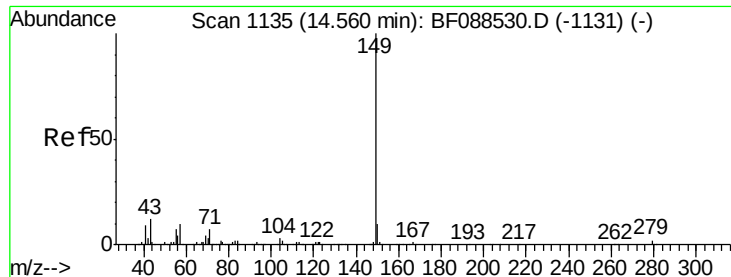
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 42.62 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	408550		
167	23.9	20.5	30.7	
279	2.2	2.0	3.0	





#84

Di-n-octyl phthalate

Concen: 43.10 ng

RT: 14.48 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF088827.D

Acq: 8 Jul 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion:149 Resp: 701969
Ion Ratio Lower Upper

149 100

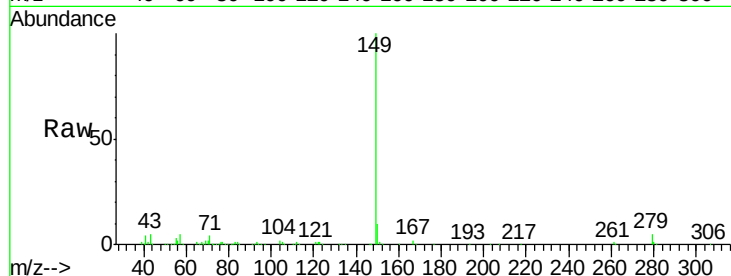
167 1.5 0.0 0.0#

43 8.6 0.0 0.0#

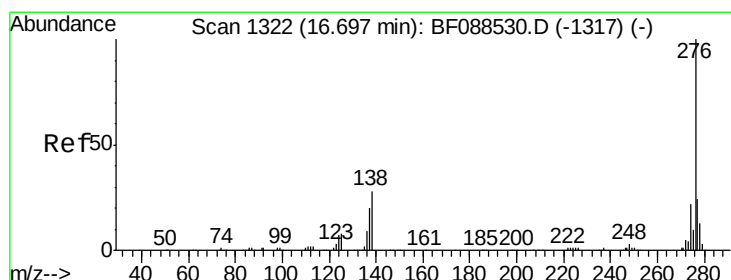
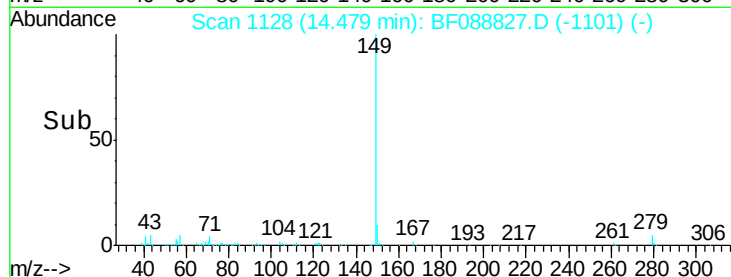
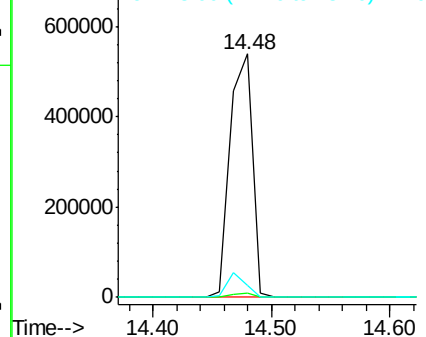
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.22 ng

RT: 16.55 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF088827.D

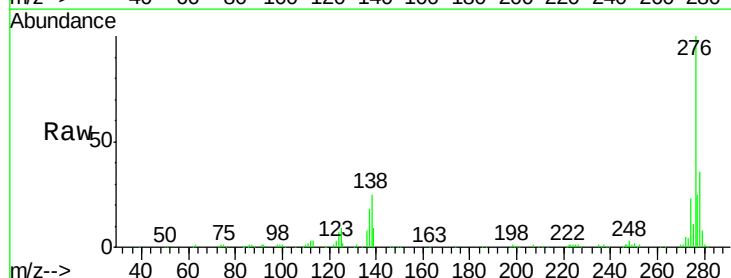
Acq: 8 Jul 2016 15:58

Tgt Ion:276 Resp: 459435
Ion Ratio Lower Upper

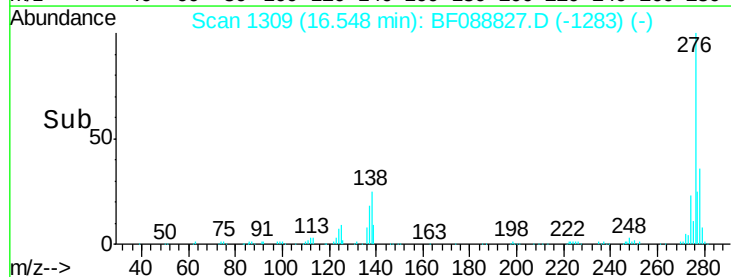
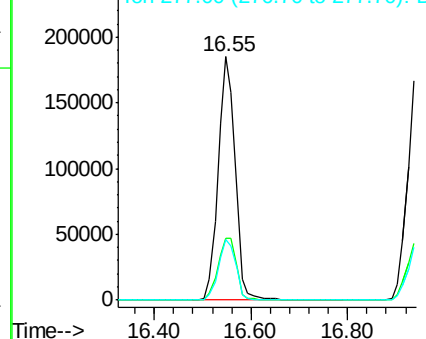
276 100

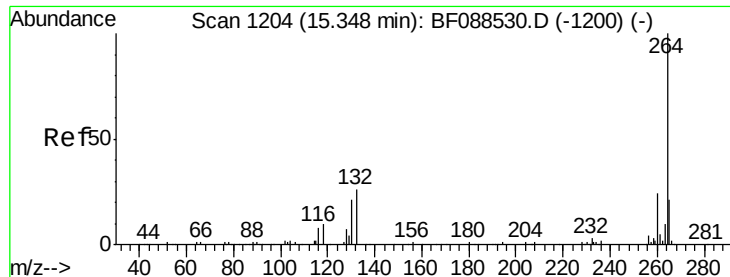
138 27.5 0.0 0.0#

277 25.2 0.0 0.0#



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





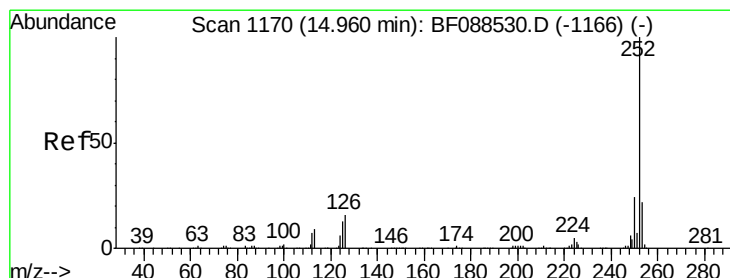
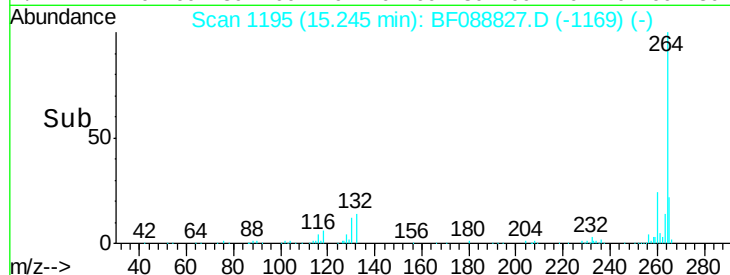
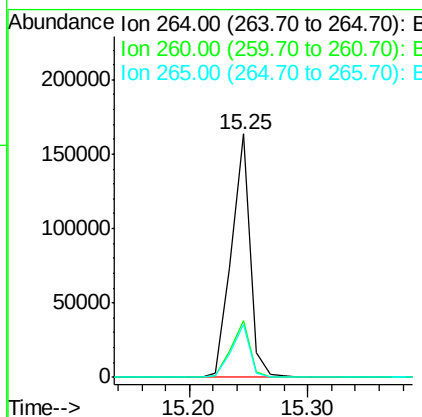
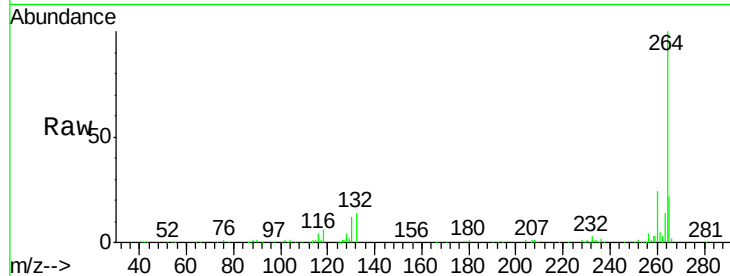
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.9	25.3

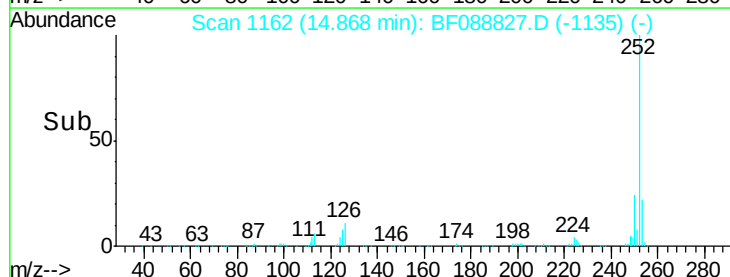
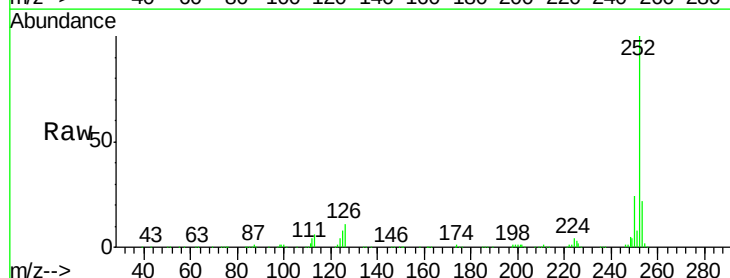
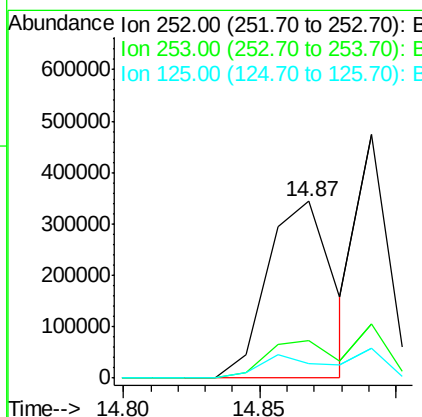
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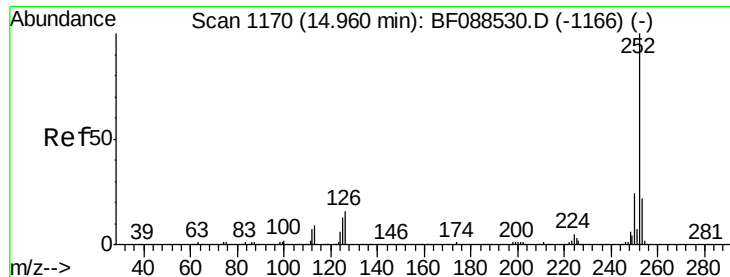
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#87
Benzo(b)fluoranthene
Concen: 51.49 ng m
RT: 14.87 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	8.2	7.1	10.7





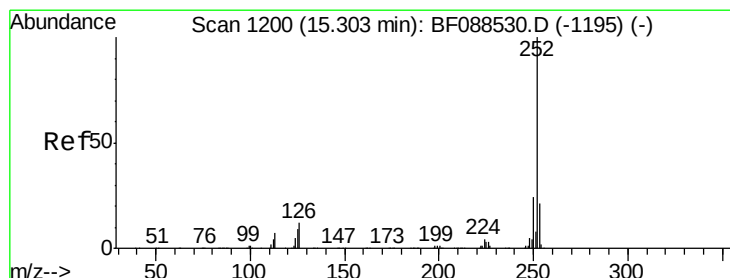
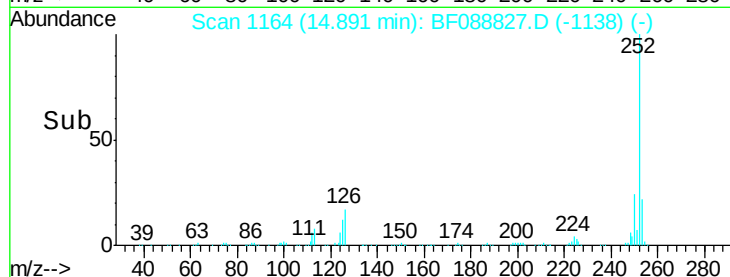
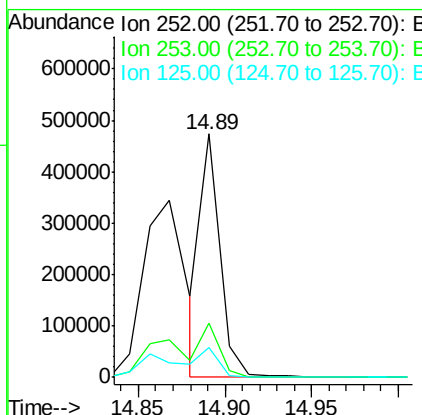
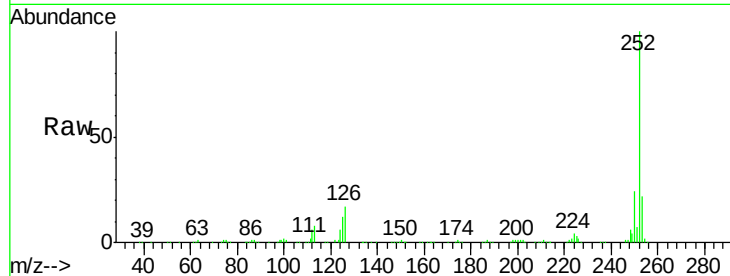
#88
Benzo(k)fluoranthene
Concen: 38.60 ng m
RT: 14.89 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.2	11.2	16.8

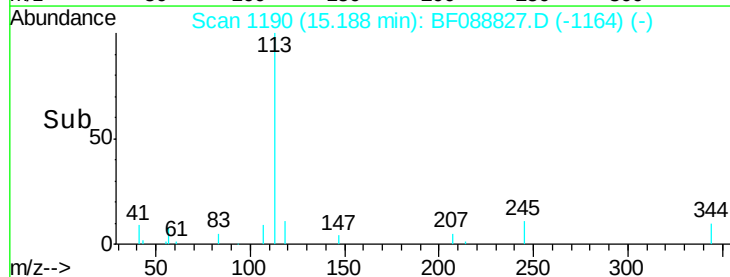
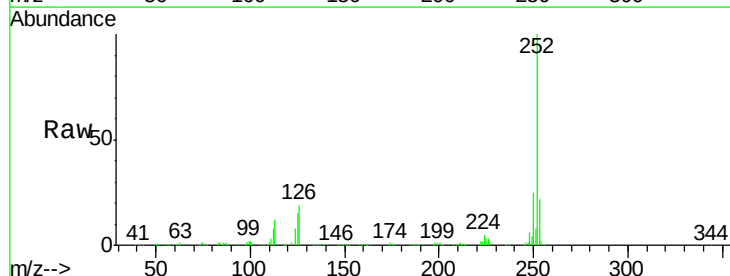
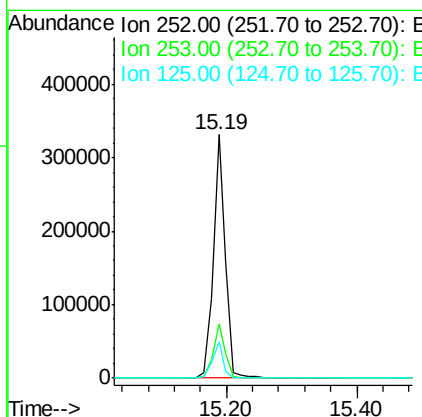
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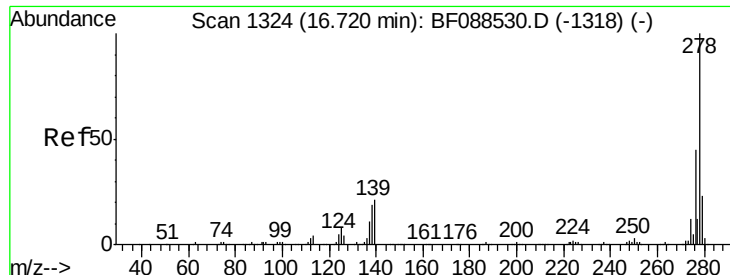
UMANGI
7/10/2016 12:33:49 AM



#89
Benzo(a)pyrene
Concen: 45.38 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF088827.D
Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.8	12.5	18.7





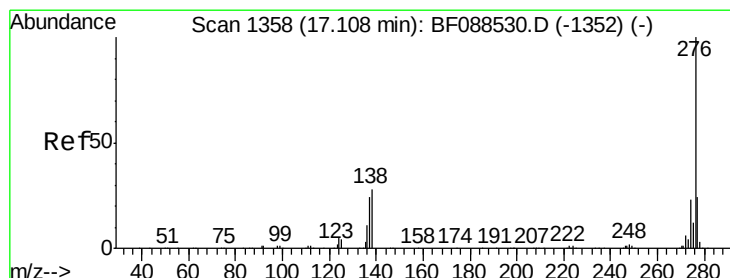
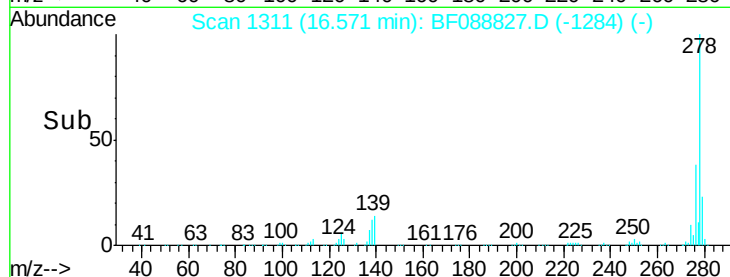
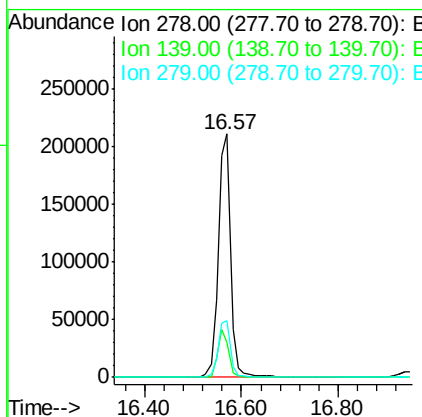
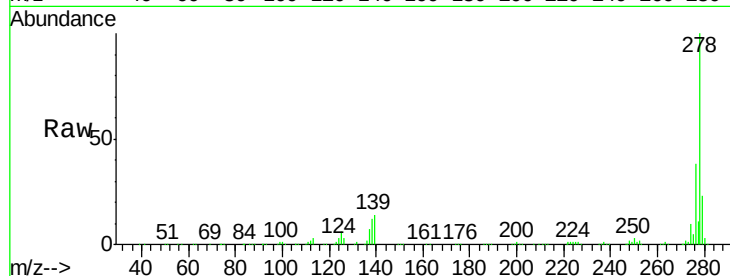
#90
Dibenzo(a,h)anthracene
 Concen: 47.78 ng
 RT: 16.57 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	15.7	23.5#
279	23.3	19.4	29.2

Manual Integrations
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#91
Benzo(g,h,i)perylene
 Concen: 46.89 ng
 RT: 16.95 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF088827.D
 Acq: 8 Jul 2016 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	20.8	21.4	32.2#

