

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088453.D
 Acq On : 27 Jun 2016 13:49
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Manual Integrations
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 6/27/2016 8:03:05 PM

Quant Time: Jun 27 19:35:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	70699	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	296611	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	139758	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	266531	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	220114	20.00	ng	-0.01
86) Perylene-d12	15.03	264	187883	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	482696	116.72	ng	0.00
7) Phenol-d6	6.20	99	593886	118.49	ng	-0.03
23) Nitrobenzene-d5	7.12	82	379206	74.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	136596	92.56	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	718890	80.51	ng	-0.02
78) Terphenyl-d14	12.63	244	709775	73.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.03	88	64473	32.08	ng	# 29
3) Pyridine	2.70	79	62760	13.23	ng	91
4) n-Nitrosodimethylamine	2.62	42	29879	14.87	ng	81
6) Aniline	6.20	93	76205	10.68	ng	# 50
8) 2-Chlorophenol	6.33	128	106135	21.68	ng	84
9) Benzaldehyde	6.09	77	61672	15.47	ng	99
10) Phenol	6.23	94	122408	22.41	ng	91
11) bis(2-Chloroethyl)ether	6.28	93	98428	22.40	ng	86
12) 1,3-Dichlorobenzene	6.47	146	108192	20.60	ng	98
13) 1,4-Dichlorobenzene	6.56	146	111935	21.16	ng	97
14) 1,2-Dichlorobenzene	6.71	146	108039	22.45	ng	96
15) Benzyl Alcohol	6.71	79	74861	19.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.83	45	103770	17.48	ng	# 12
17) 2-Methylphenol	6.83	107	76535	19.28	ng	# 89
18) Hexachloroethane	7.04	117	39998	21.31	ng	90
19) n-Nitroso-di-n-propylamine	6.97	70	70254	21.91	ng	# 83
20) 3+4-Methylphenols	6.99	107	97770	21.11	ng	# 79
22) Acetophenone	6.96	105	144286	21.77	ng	# 97
24) Nitrobenzene	7.13	77	95580	19.43	ng	89
25) Isophorone	7.37	82	178203	18.94	ng	97
26) 2-Nitrophenol	7.45	139	53672	20.36	ng	91
27) 2,4-Dimethylphenol	7.51	122	97042	20.00	ng	95
28) bis(2-Chloroethoxy)methane	7.60	93	114700	19.66	ng	98
29) 2,4-Dichlorophenol	7.70	162	90312	22.29	ng	97
30) 1,2,4-Trichlorobenzene	7.77	180	92471	20.96	ng	98
31) Naphthalene	7.85	128	312916	21.32	ng	97
33) 4-Chloroaniline	7.92	127	69570	10.61	ng	# 94
34) Hexachlorobutadiene	7.96	225	48931	21.03	ng	97
35) Caprolactam	8.28	113	27259	20.31	ng	# 68
36) 4-Chloro-3-methylphenol	8.42	107	88113	20.33	ng	89
37) 2-Methylnaphthalene	8.54	142	206699	21.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	88115	20.20	ng	# 1
40) Hexachlorocyclopentadiene	8.68	237	23632	10.48	ng	99
42) 2,4,6-Trichlorophenol	8.83	196	48184	17.24	ng	96

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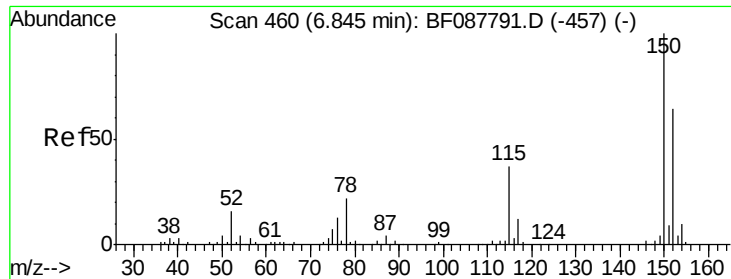
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.88	196	53964	18.56	ng	# 83
45) 1,1'-Biphenyl	9.00	154	258056	21.34	ng	96
46) 2-Chloronaphthalene	9.03	162	201237	22.25	ng	94
47) 2-Nitroaniline	9.14	65	54183	20.31	ng	# 68
48) Acenaphthylene	9.43	152	313393	21.79	ng	99
49) Dimethylphthalate	9.31	163	237977	23.51	ng	99
50) 2,6-Dinitrotoluene	9.38	165	53697	23.16	ng	95
51) Acenaphthene	9.60	154	180852	20.15	ng	99
52) 3-Nitroaniline	9.55	138	41609	15.55	ng	87
53) 2,4-Dinitrophenol	9.75	184	4037	6.93	ng	# 43
54) Dibenzofuran	9.78	168	277207	22.43	ng	93
55) 4-Nitrophenol	9.82	139	20118m	9.69	ng	
56) 2,4-Dinitrotoluene	9.79	165	66957	22.47	ng	96
57) Fluorene	10.11	166	215419	23.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	33448	14.64	ng	# 54
59) Diethylphthalate	10.01	149	247883	24.19	ng	99
60) 4-Chlorophenyl-phenylether	10.11	204	97540	23.73	ng	98
61) 4-Nitroaniline	10.17	138	54301	21.40	ng	96
62) Azobenzene	10.27	77	232616	22.95	ng	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	5628	5.39	ng	82
65) n-Nitrosodiphenylamine	10.24	169	203215	22.98	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	60678	21.22	ng	93
67) Hexachlorobenzene	10.66	284	65298	21.98	ng	93
68) Atrazine	10.78	200	61161	22.84	ng	97
69) Pentachlorophenol	10.88	266	18967	12.11	ng	96
70) Phenanthrene	11.07	178	319065	22.81	ng	98
71) Anthracene	11.12	178	348358	24.69	ng	98
72) Carbazole	11.29	167	326600	24.74	ng	99
73) Di-n-butylphthalate	11.62	149	378036	22.62	ng	99
74) Fluoranthene	12.25	202	334182	22.64	ng	99
76) Benzidine	12.39	184	250278	41.06	ng	99
77) Pyrene	12.48	202	345927	21.18	ng	98
79) Butylbenzylphthalate	13.11	149	164242	22.74	ng	99
80) Benzo(a)anthracene	13.67	228	261648	20.86	ng	98
81) 3,3'-Dichlorobenzidine	13.63	252	51057	15.14	ng	# 96
82) Chrysene	13.70	228	302953	25.67	ng	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	201038	22.87	ng	100
84) Di-n-octyl phthalate	14.27	149	358123	25.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	214953	19.61	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	320546m	24.48	ng	
88) Benzo(k)fluoranthene	14.70	252	192669m	19.50	ng	
89) Benzo(a)pyrene	14.97	252	241059	22.75	ng	98
90) Dibenzo(a,h)anthracene	16.25	278	178133	18.10	ng	99
91) Benzo(g,h,i)perylene	16.62	276	177836	17.57	ng	97

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



#1

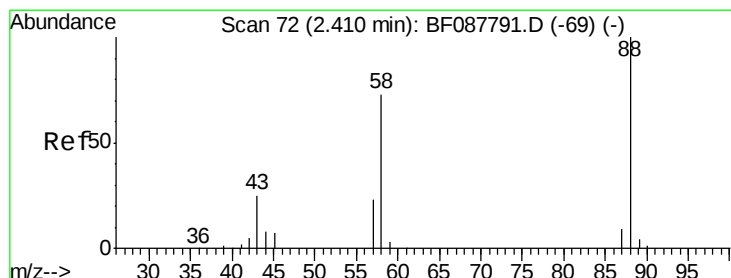
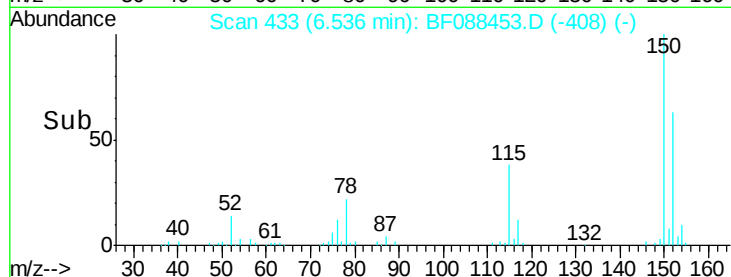
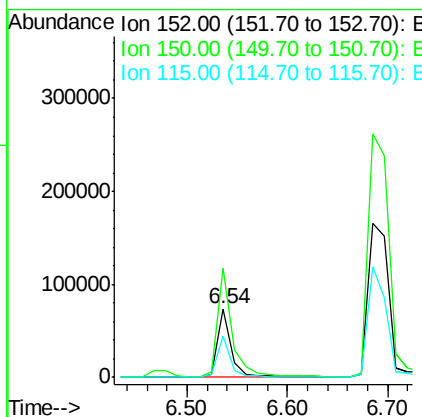
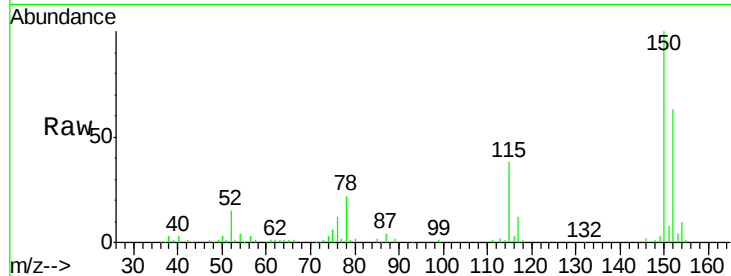
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.6
115	60.0	39.6	59.4

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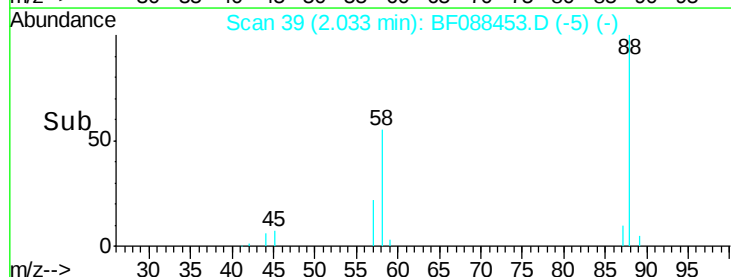
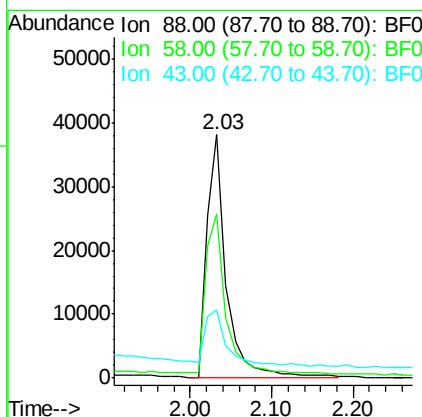
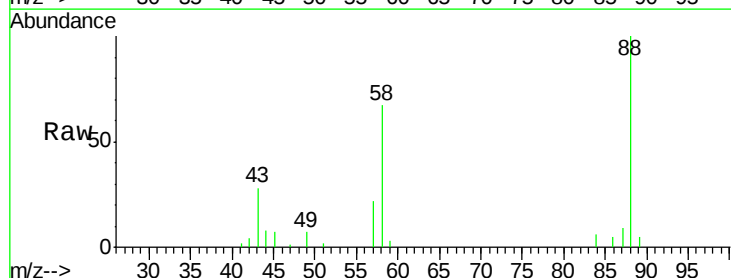
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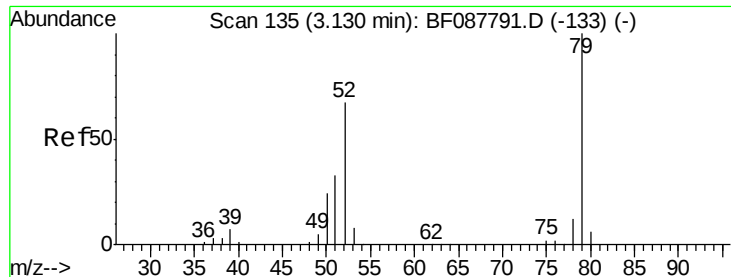


#2

1,4-Dioxane
Concen: 32.08 ng
RT: 2.03 min Scan# 39
Delta R.T. 0.09 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	0.0	0.0
43	27.7	3.4	5.2





#3

Pyridine

Concen: 13.23 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.14 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

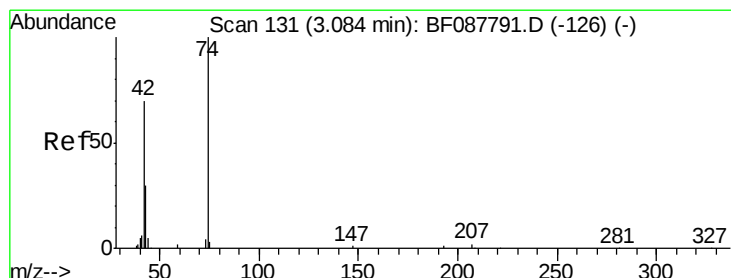
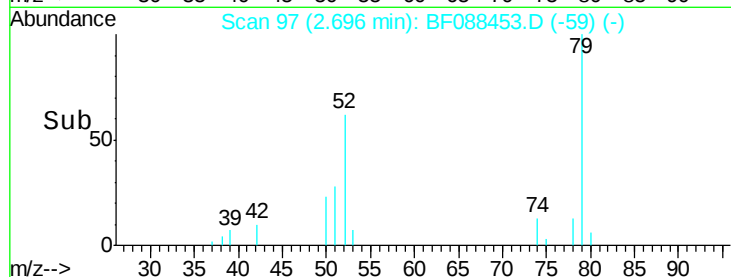
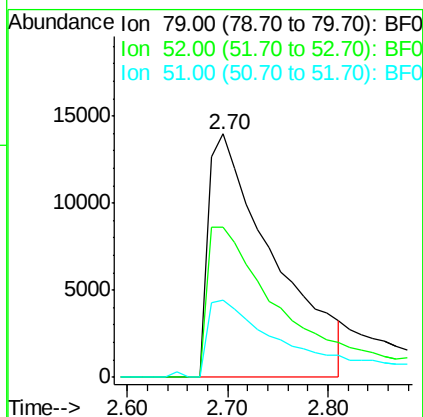
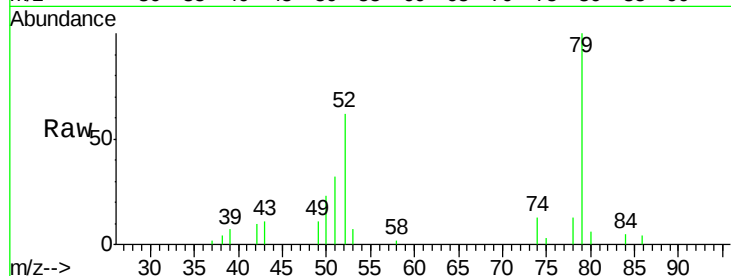
ClientSampleId :

PB91593BS

Tgt Ion:	79	Resp:	62760
Ion	Ratio	Lower	Upper
79	100		
52	61.5	56.3	84.5
51	31.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 14.87 ng

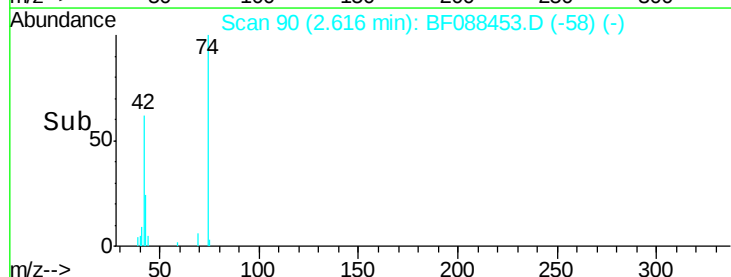
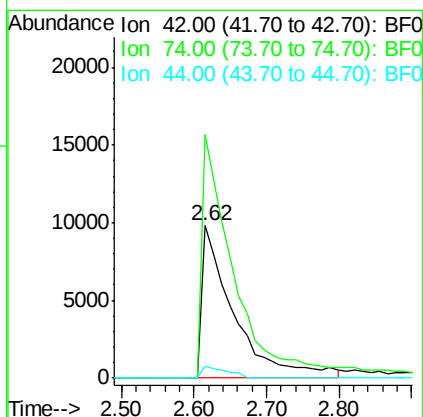
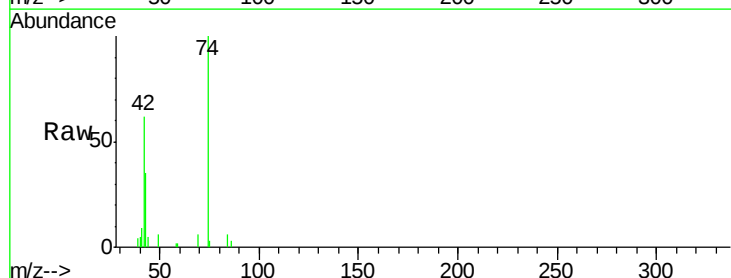
RT: 2.62 min Scan# 90

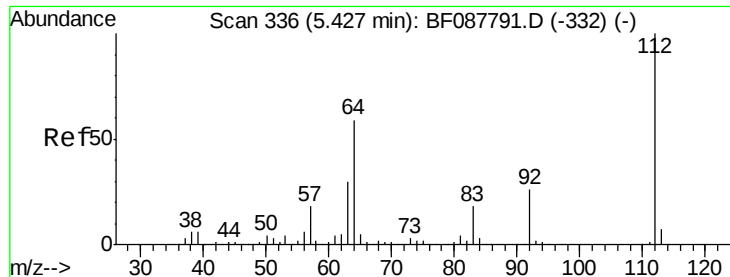
Delta R.T. 0.07 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:	42	Resp:	29879
Ion	Ratio	Lower	Upper
42	100		
74	160.0	108.6	163.0
44	8.2	5.5	8.3





#5

2-Fluorophenol

Concen: 116.72 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

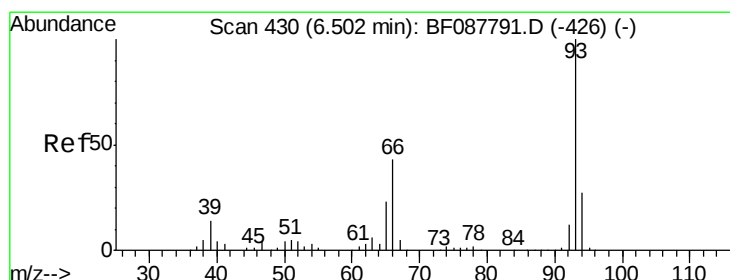
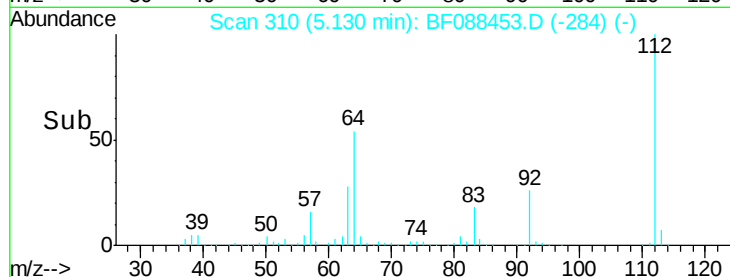
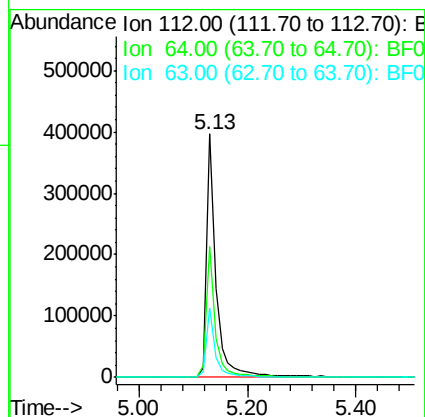
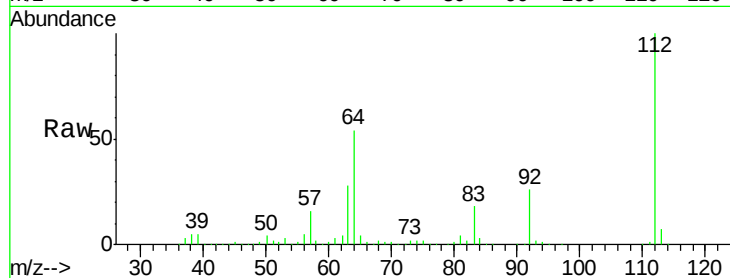
ClientSampled :

PB91593BS

Tgt Ion:	112	Resp:	482696
Ion Ratio	Lower	Upper	
112	100		
64	54.0	42.2	63.2
63	28.4	21.8	32.8

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#6

Aniline

Concen: 10.68 ng

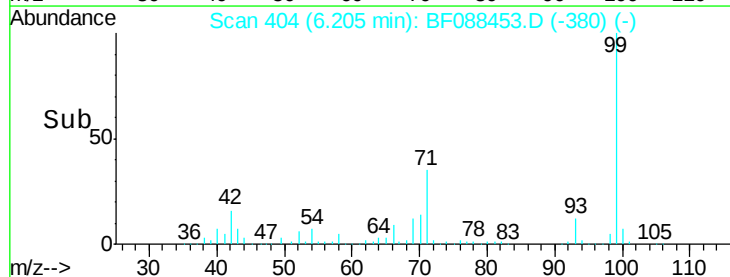
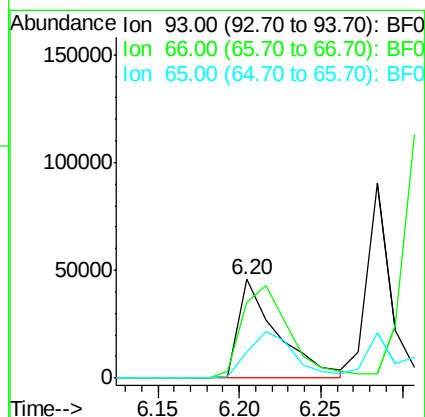
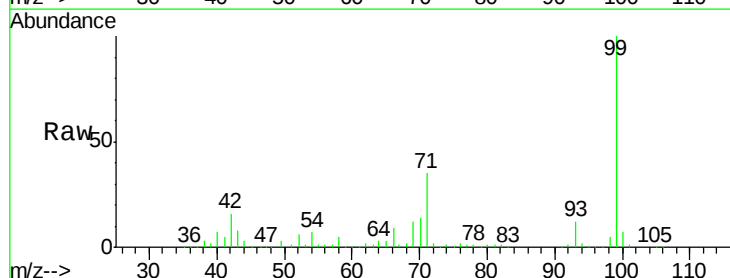
RT: 6.20 min Scan# 404

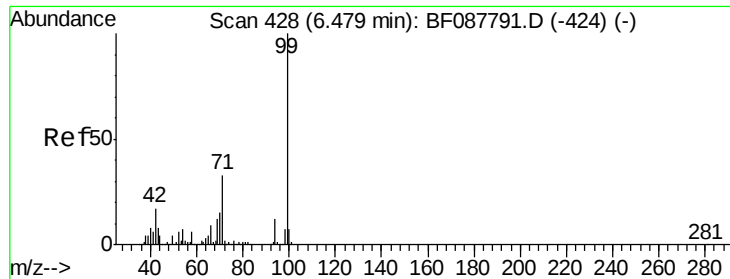
Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:	93	Resp:	76205
Ion Ratio	Lower	Upper	
93	100		
66	77.2	29.8	44.8#
65	26.6	14.9	22.3#





#7

Phenol-d6

Concen: 118.49 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

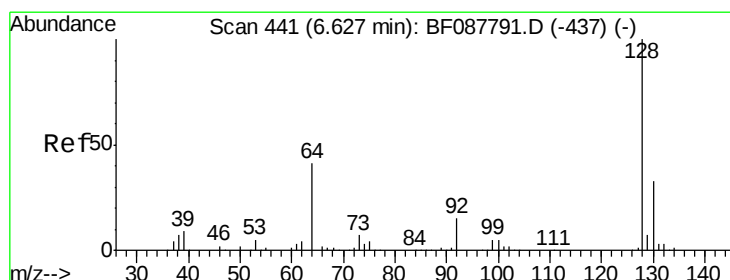
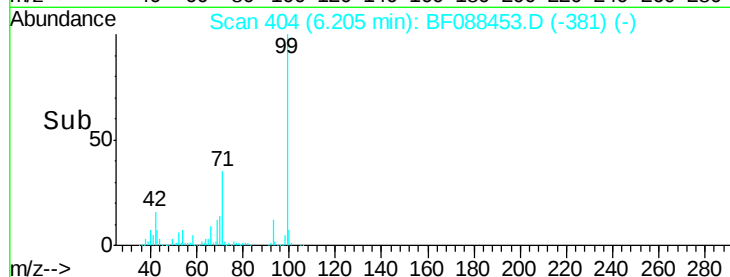
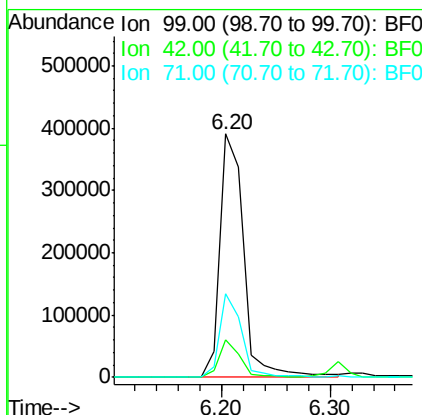
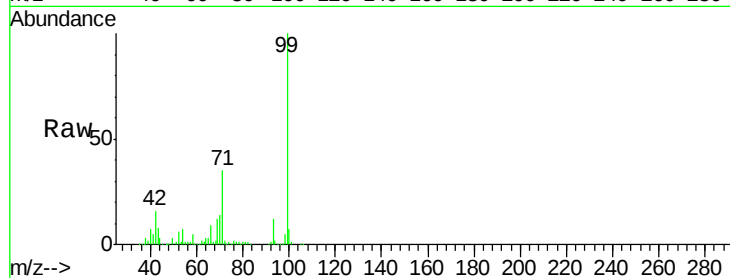
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Tgt Ion:	99	Resp:	593886
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.2	18.2
71	34.6	23.4	35.0

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#8

2-Chlorophenol

Concen: 21.68 ng

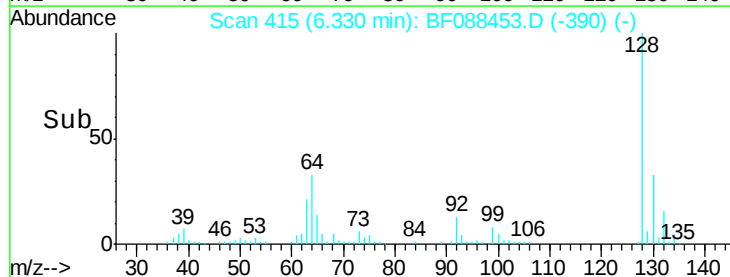
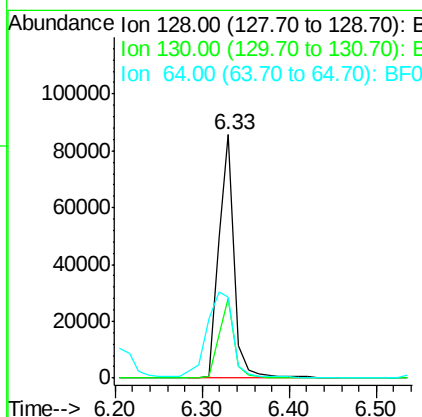
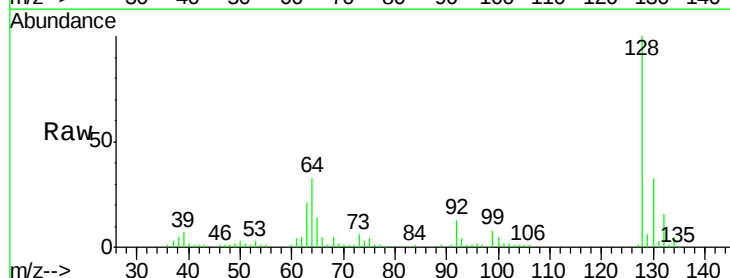
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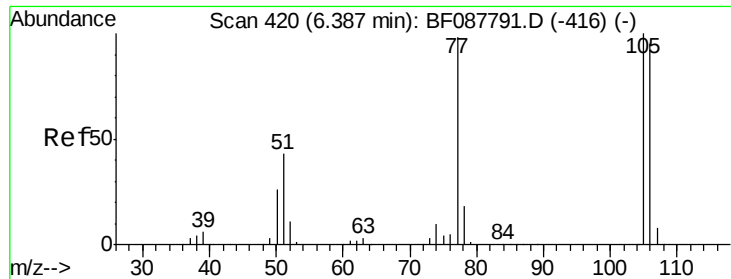
Delta R.T. -0.01 min

Lab File: BF088453.D

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Tgt Ion:	128	Resp:	106135
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	33.3	30.8	70.8





#9

Benzaldehyde

Concen: 15.47 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

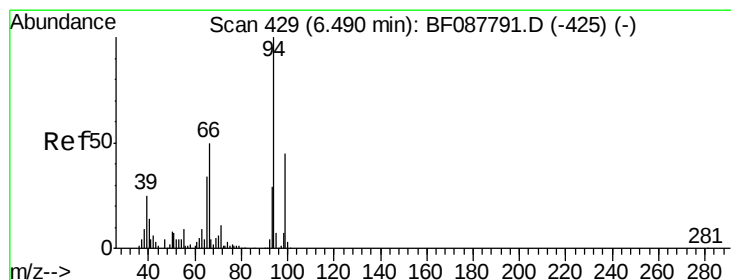
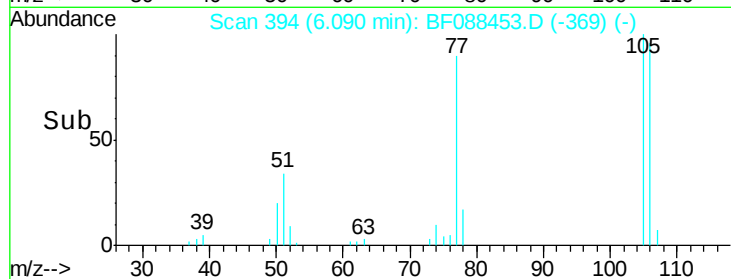
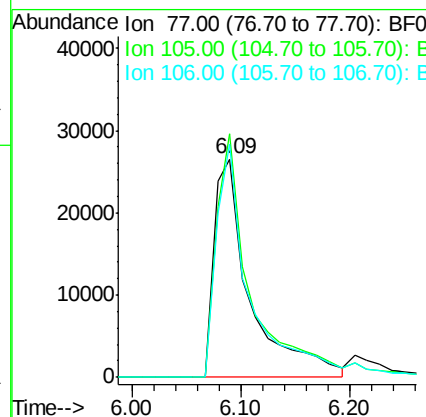
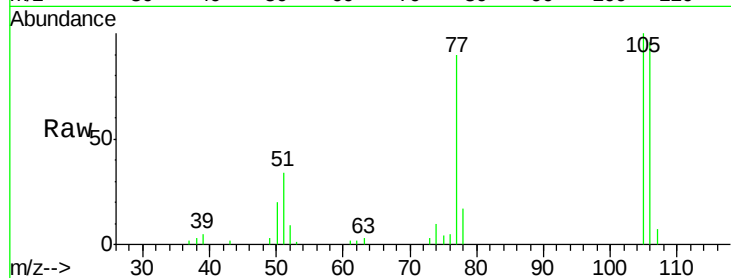
ClientSampleId :

PB91593BS

Tgt Ion:	77	Resp:	61672
Ion	Ratio	Lower	Upper
77	100		
105	111.4	90.6	130.6
106	106.5	85.3	125.3

Manual Integrations
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#10

Phenol

Concen: 22.41 ng

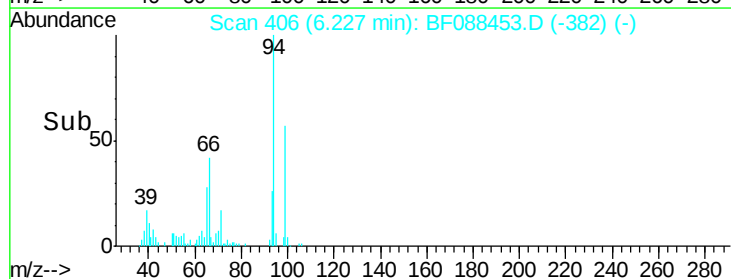
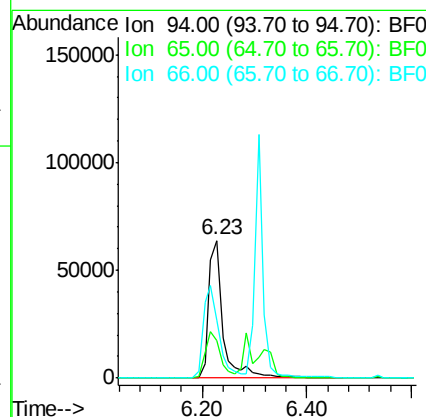
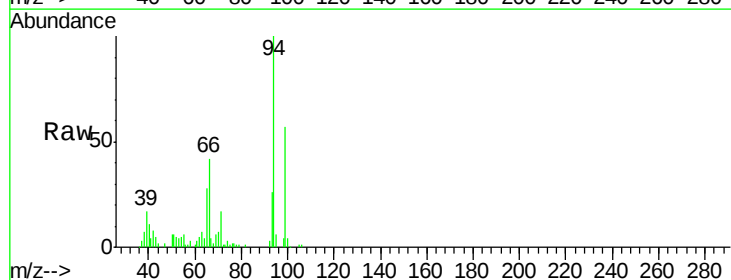
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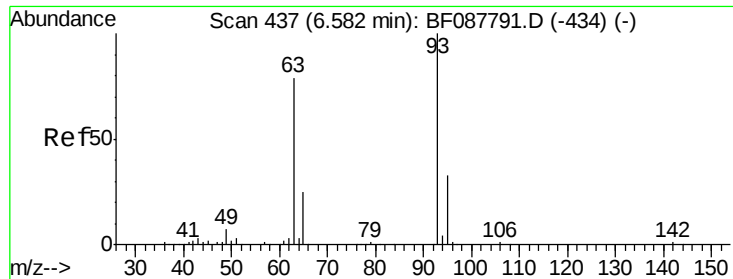
Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:	94	Resp:	122408
Ion	Ratio	Lower	Upper
94	100		
65	27.5	5.9	45.9
66	41.7	14.0	54.0





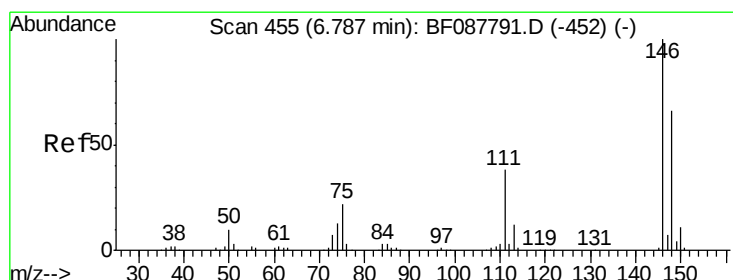
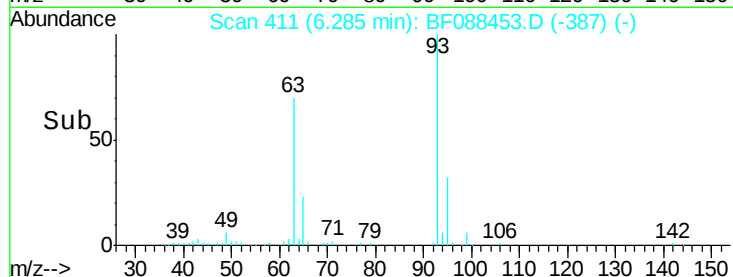
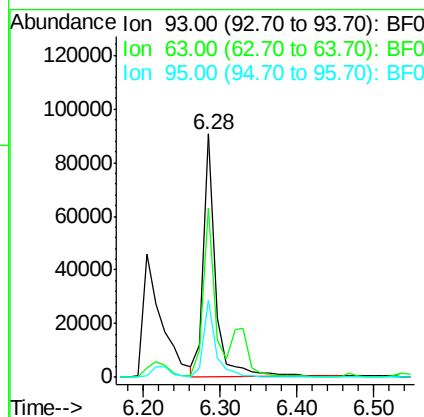
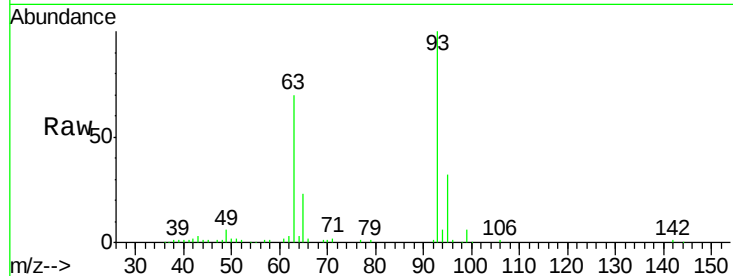
#11
bis(2-Chloroethyl)ether
Concen: 22.40 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.5	67.6	107.6
95	31.9	12.5	52.5

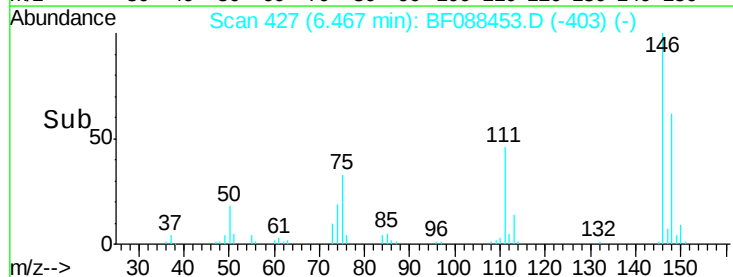
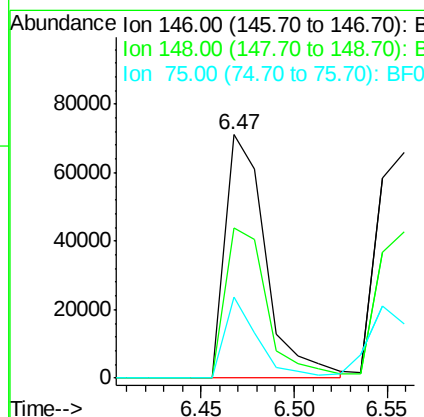
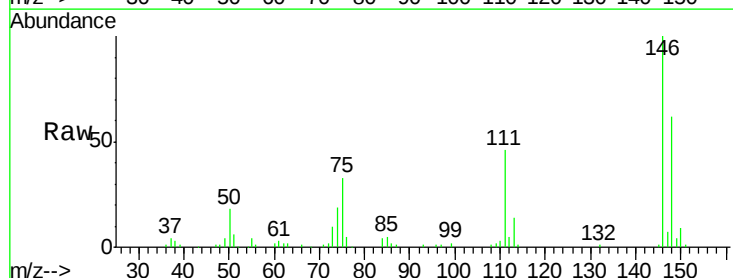
Manual Integrations
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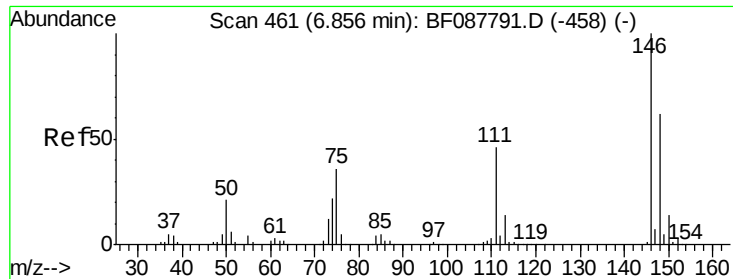
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#12
1,3-Dichlorobenzene
Concen: 20.60 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.9	76.3
75	33.0	25.6	38.4





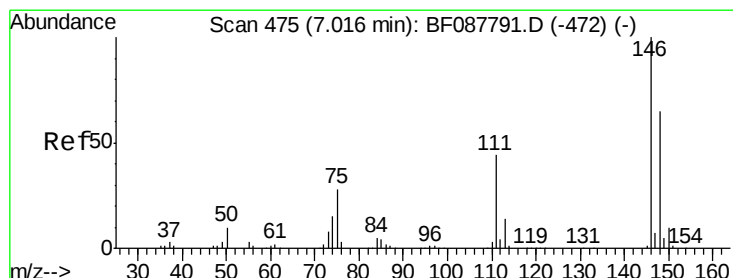
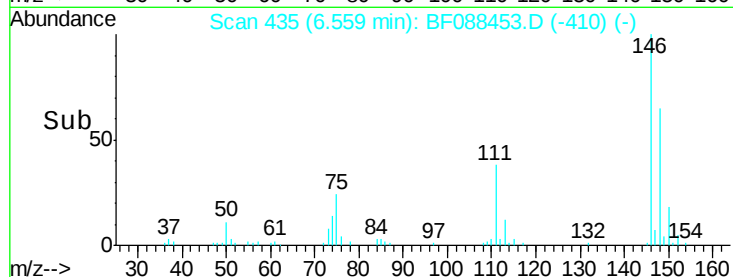
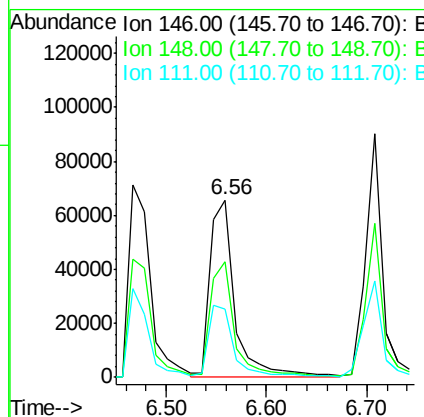
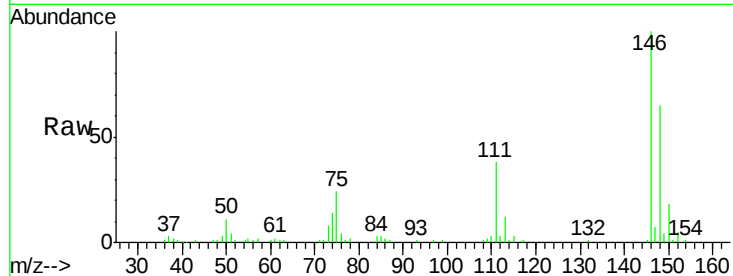
#13
1,4-Dichlorobenzene
Concen: 21.16 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampled :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.0	78.0
111	38.2	33.8	50.8

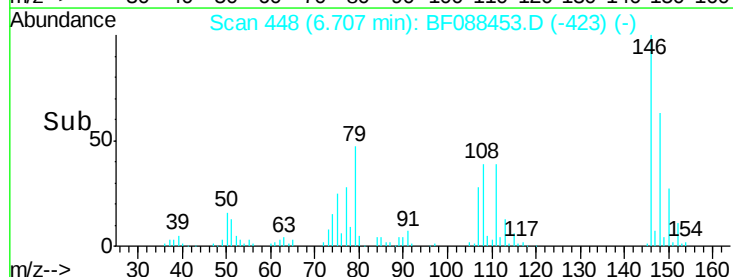
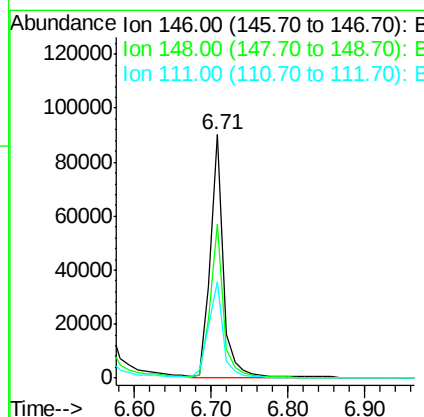
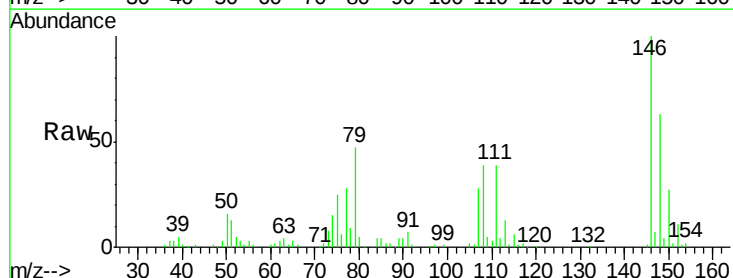
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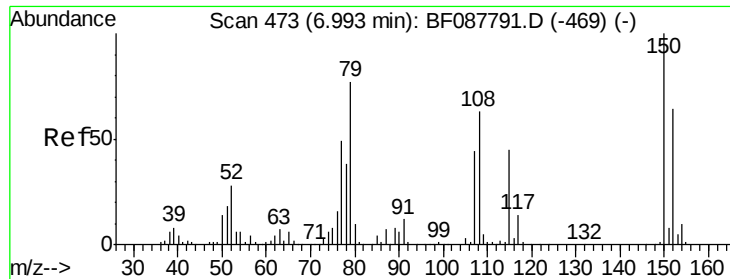
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#14
1,2-Dichlorobenzene
Concen: 22.45 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.3	78.5
111	39.5	28.7	43.1





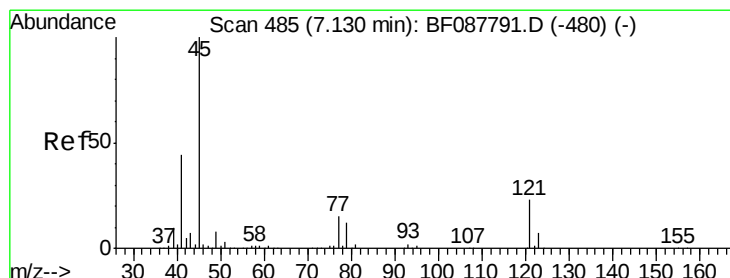
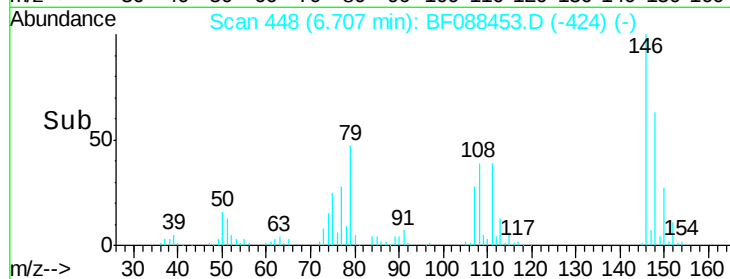
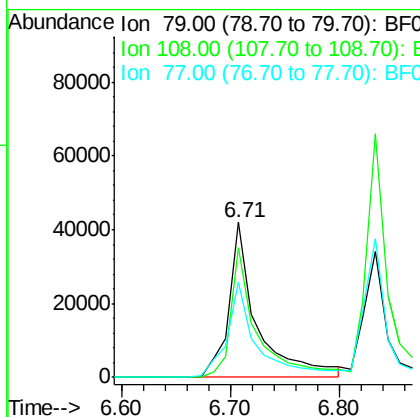
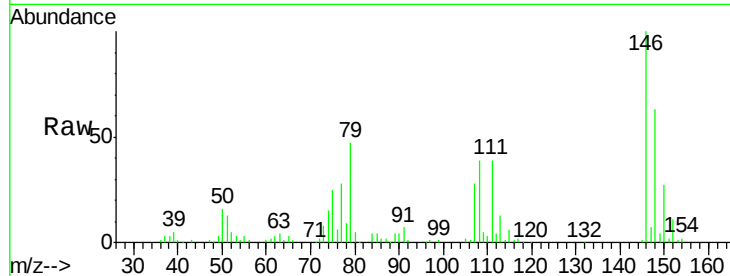
#15
Benzyl Alcohol
Concen: 19.09 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 79 Resp: 74861
Ion Ratio Lower Upper
79 100
108 84.0 65.0 97.6
77 61.1 50.3 75.5

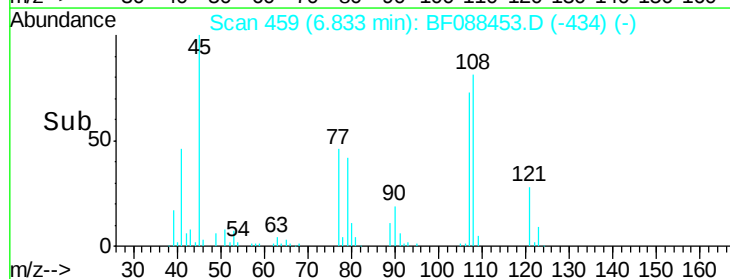
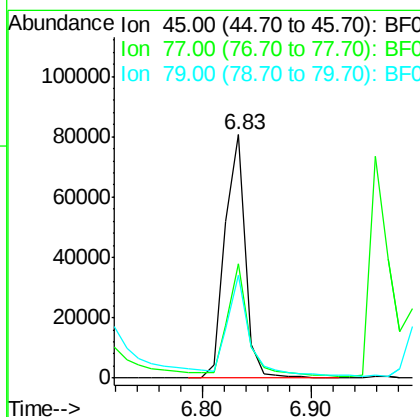
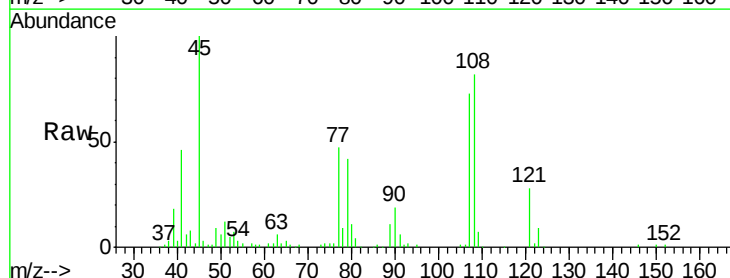
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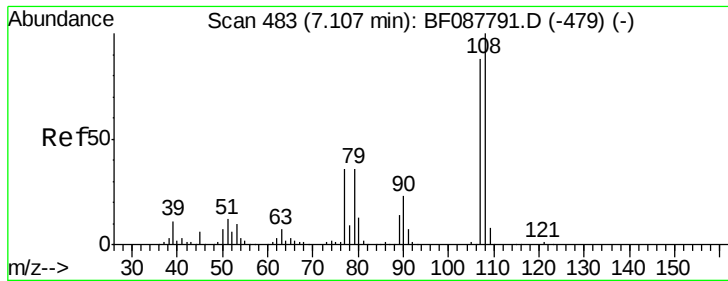
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.48 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion: 45 Resp: 103770
Ion Ratio Lower Upper
45 100
77 46.8 0.0 32.5#
79 42.3 0.0 29.5#





#17

2-Methylphenol

Concen: 19.28 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF088453.D

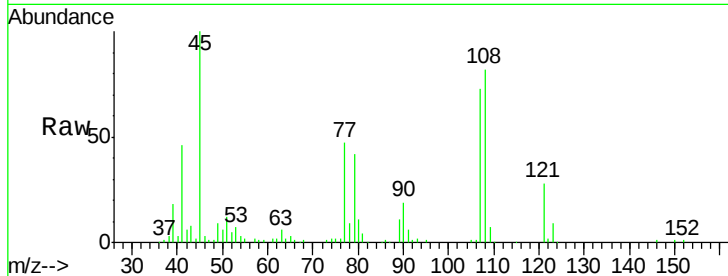
Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampled :

PB91593BS



Tgt Ion:107 Resp: 76535

Ion Ratio Lower Upper

107 100

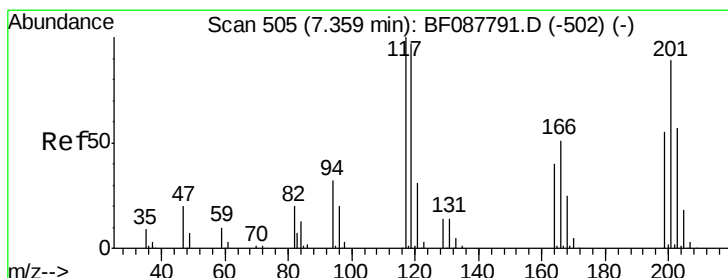
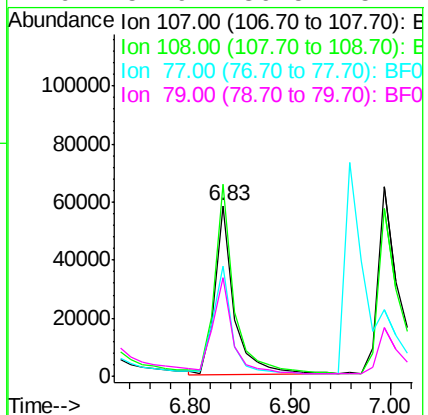
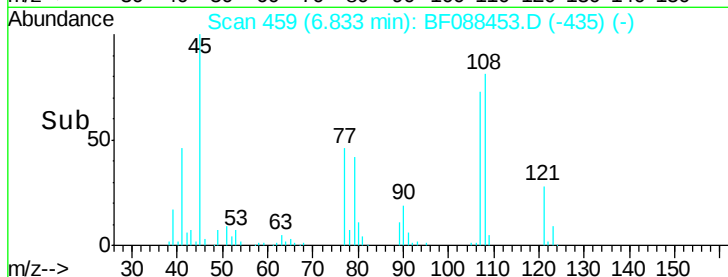
108 112.0 90.9 136.3

77 64.1 36.6 55.0#

79 57.9 36.5 54.7#

Manual Integrations
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#18

Hexachloroethane

Concen: 21.31 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

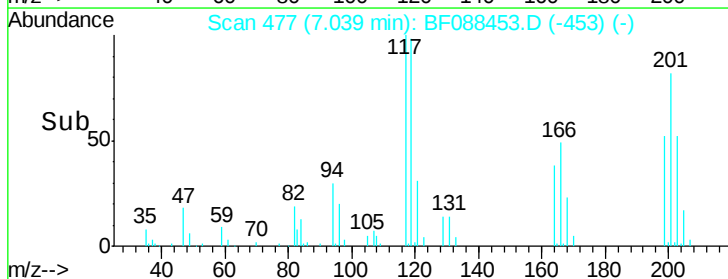
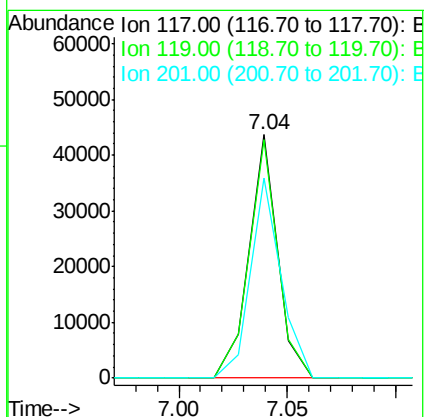
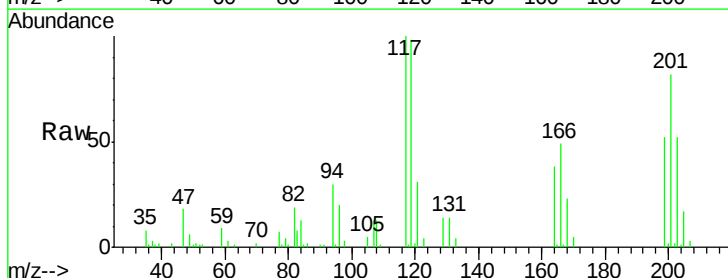
Tgt Ion:117 Resp: 39998

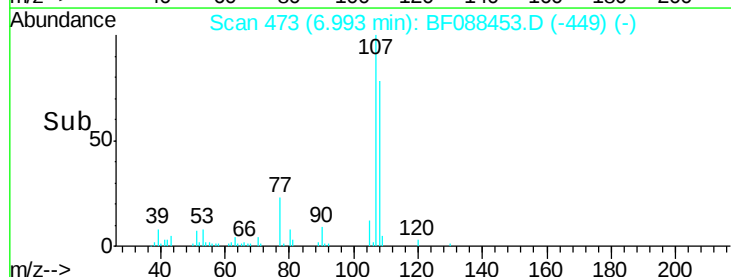
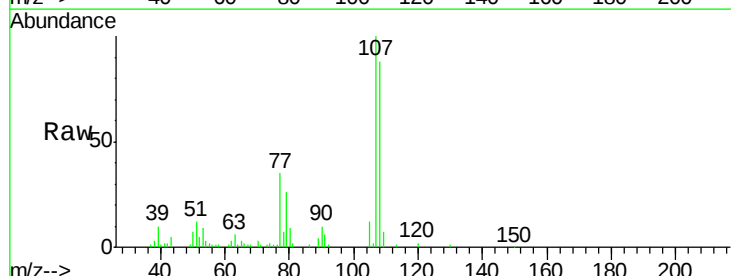
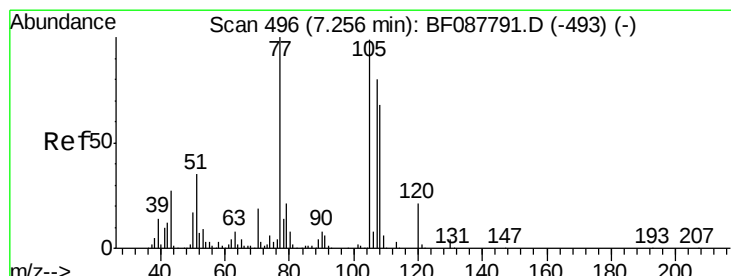
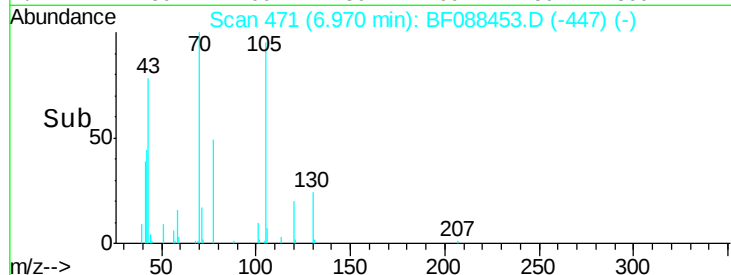
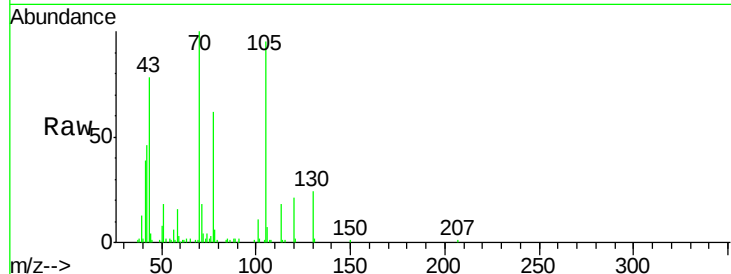
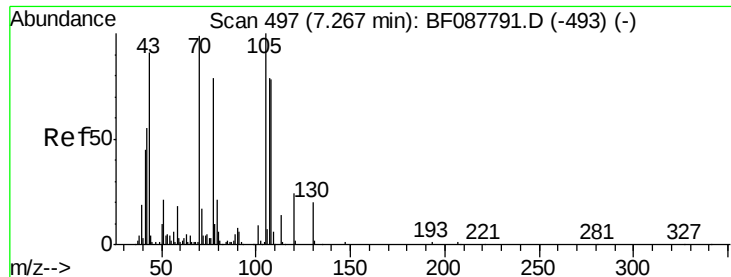
Ion Ratio Lower Upper

117 100

119 98.1 77.4 116.2

201 82.1 80.4 120.6





#19

n-Nitroso-di-n-propylamine

Concen: 21.91 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

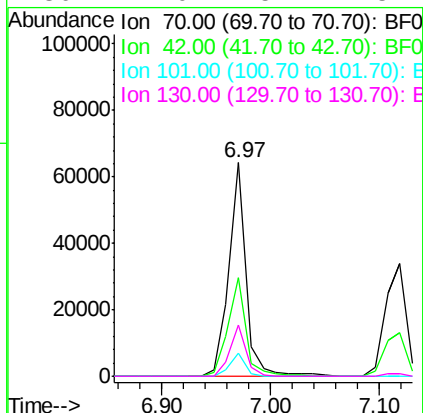
ClientSampleId :

PB91593BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.6	74.4#
101	10.6	7.1	10.7
130	24.0	15.4	23.2#

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#20

3+4-Methylphenols

Concen: 21.11 ng

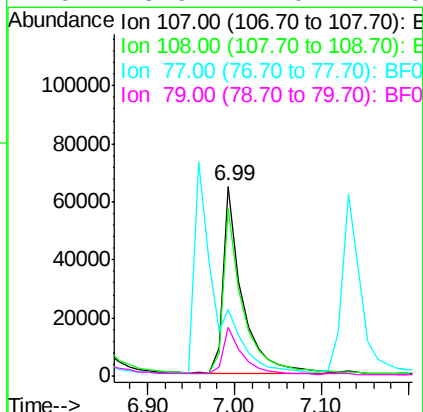
RT: 6.99 min Scan# 473

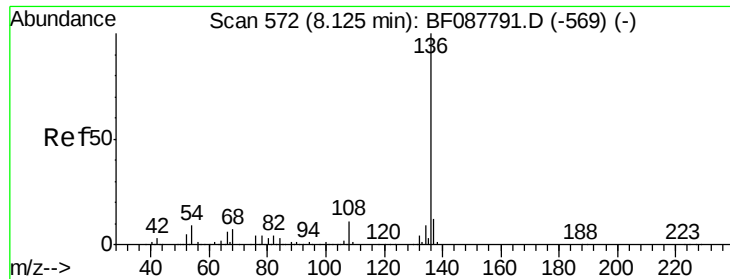
Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.8	107.8
77	35.4	59.3	99.3#
79	25.9	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

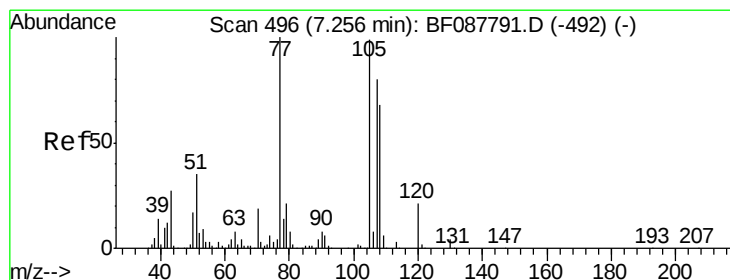
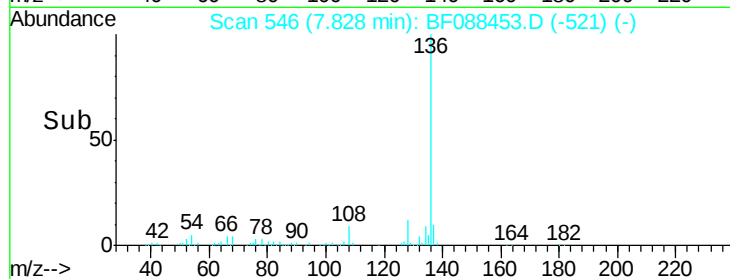
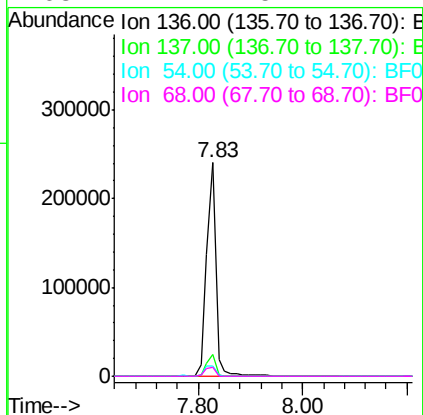
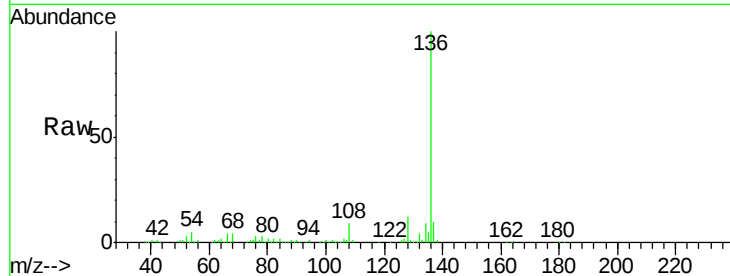
ClientSampleId :

PB91593BS

Tgt	Ion:136	Resp:	296611
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.9	6.6	10.0#
68	4.4	5.1	7.7#

Manual Integrations
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#22

Acetophenone

Concen: 21.77 ng

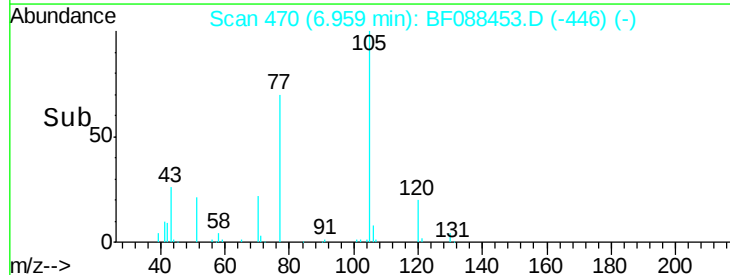
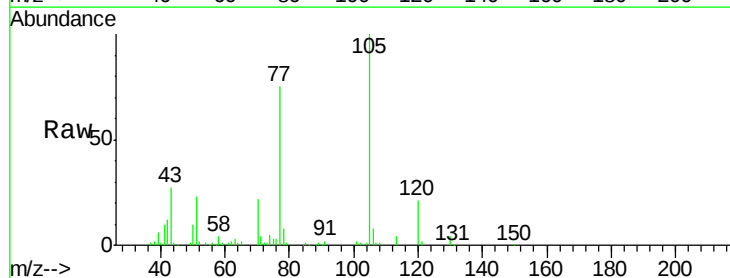
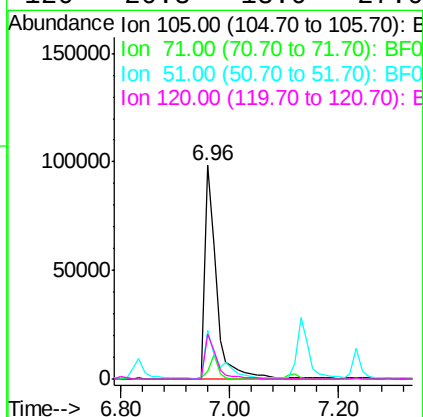
RT: 6.96 min Scan# 470

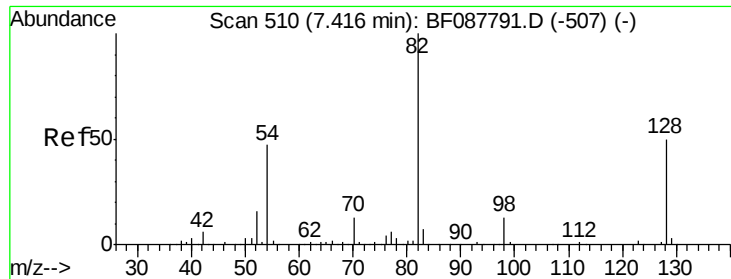
Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt	Ion:105	Resp:	144286
Ion	Ratio	Lower	Upper
105	100		
71	3.9	5.3	7.9#
51	22.9	18.2	27.4
120	20.8	18.0	27.0





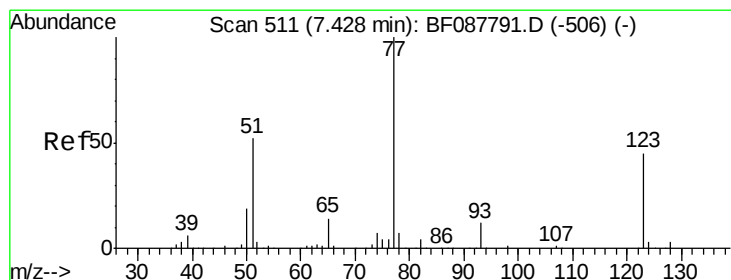
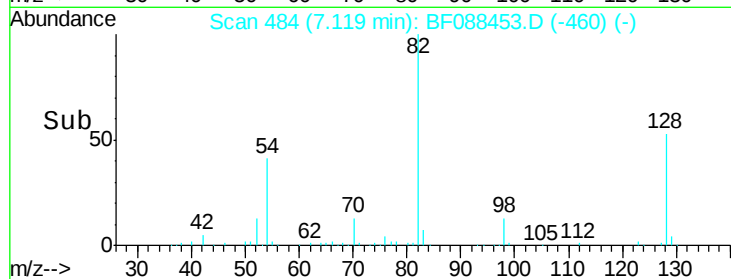
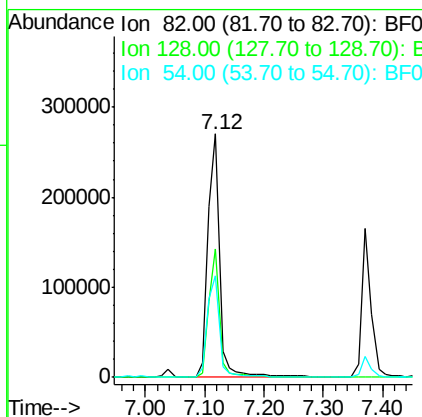
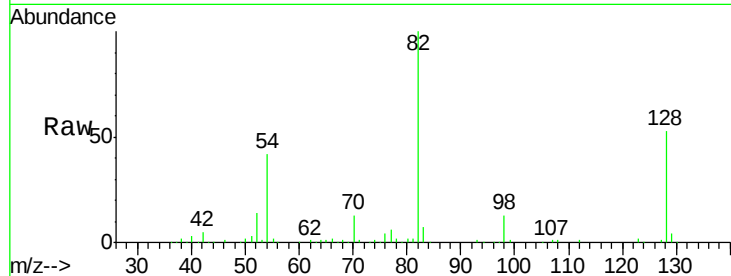
#23
 Nitrobenzene-d5
 Concen: 74.65 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.7	35.9	53.9
54	41.7	40.9	61.3

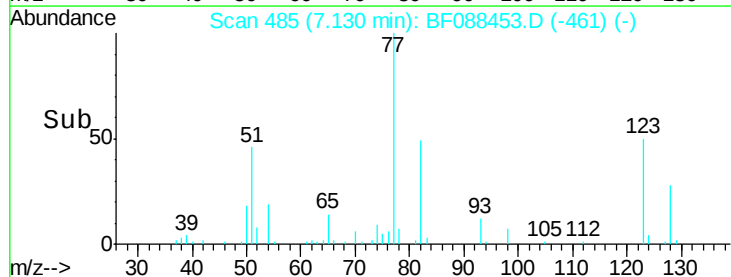
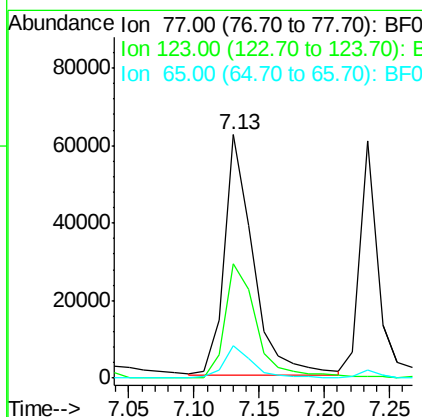
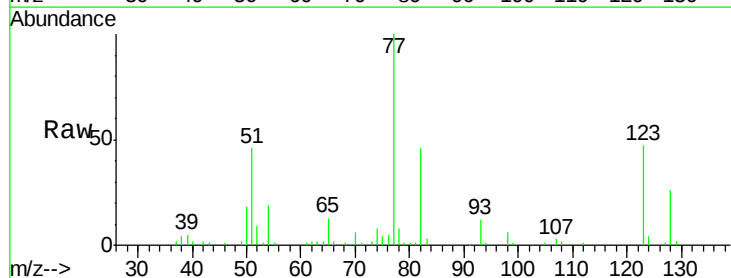
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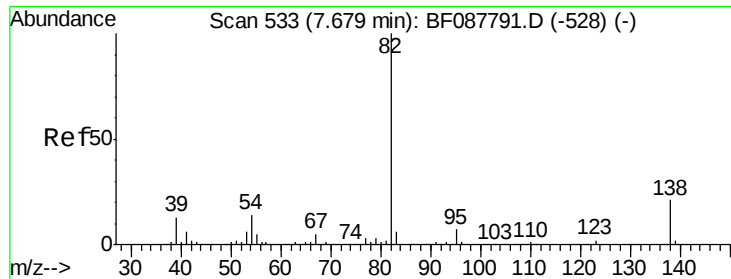
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#24
 Nitrobenzene
 Concen: 19.43 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	45.0	67.4
65	13.4	10.2	15.2





#25

Isophorone

Concen: 18.94 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion: 82 Resp: 178203

Ion Ratio Lower Upper

82 100

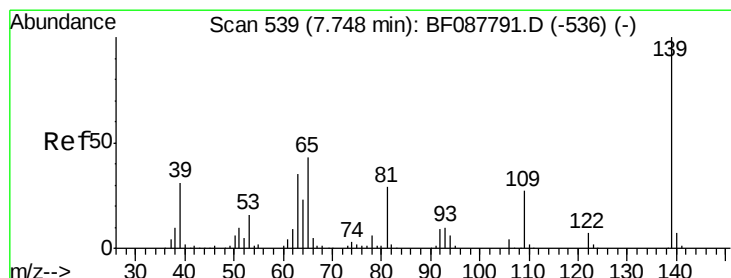
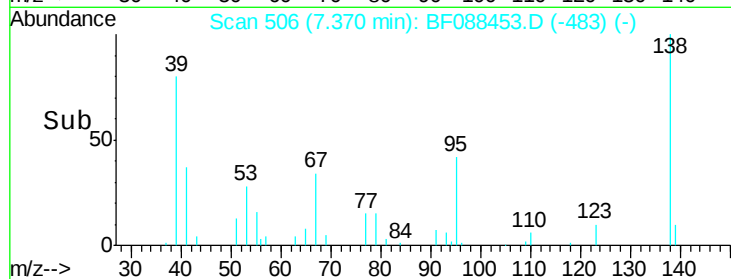
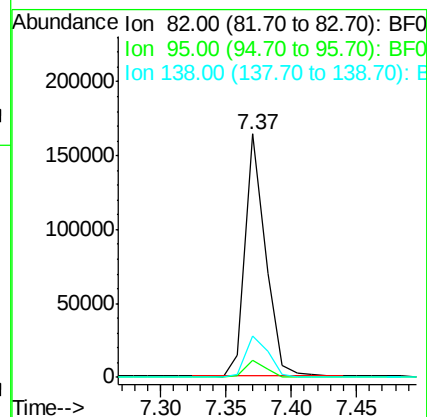
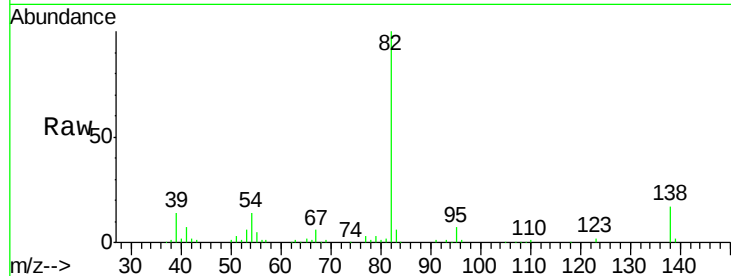
95 7.1 5.4 8.2

138 16.8 14.6 21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 20.36 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

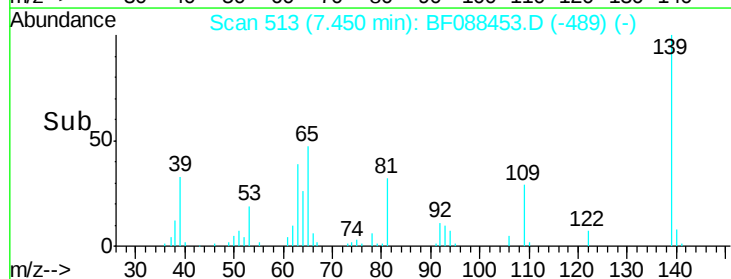
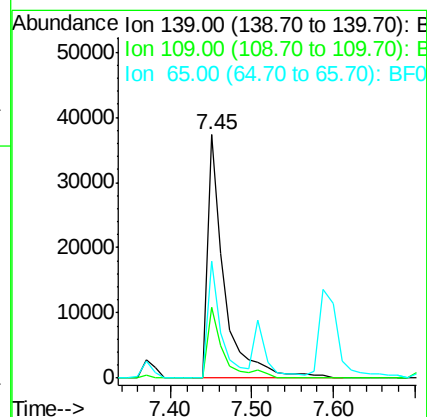
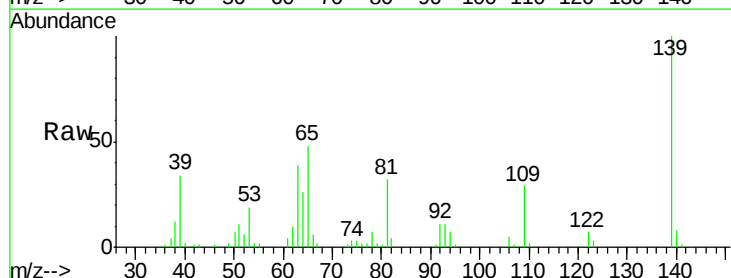
Tgt Ion: 139 Resp: 53672

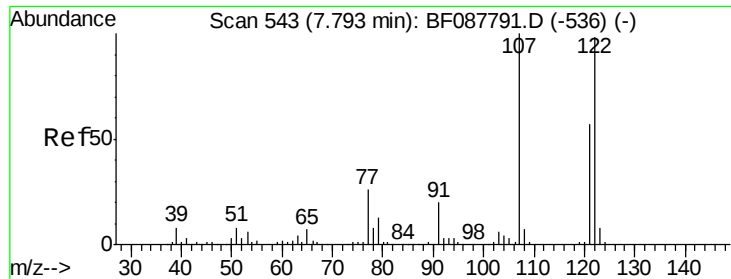
Ion Ratio Lower Upper

139 100

109 29.1 23.0 34.4

65 48.1 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

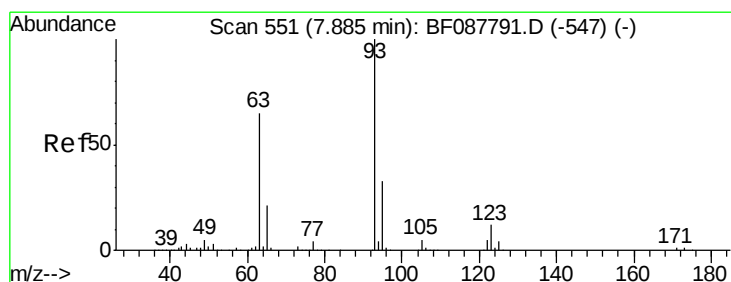
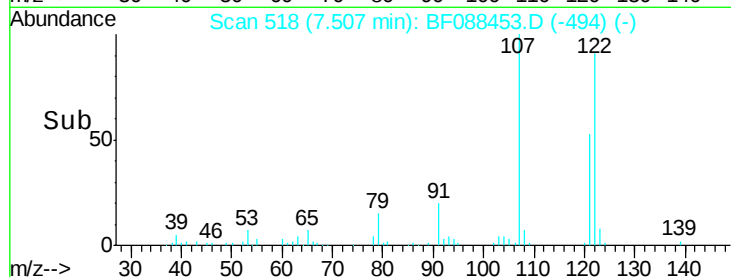
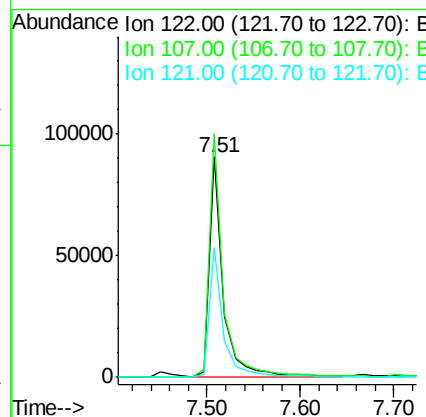
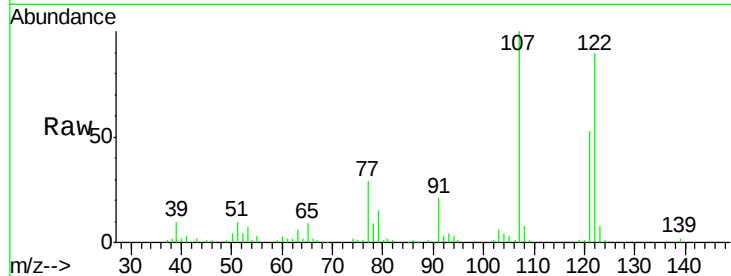
ClientSampled :

PB91593BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.5	82.4	123.6
121	58.7	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 19.66 ng

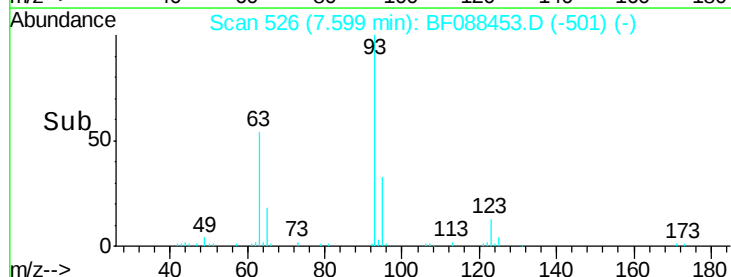
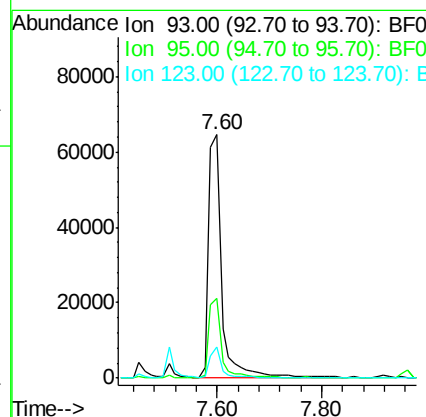
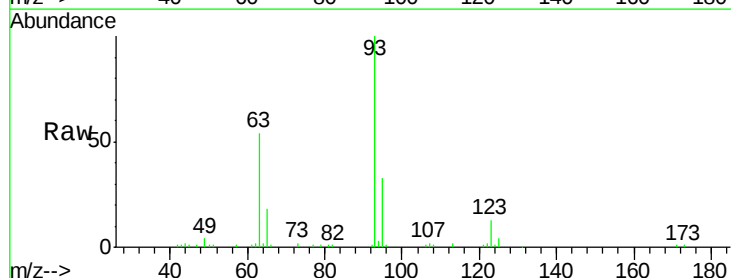
RT: 7.60 min Scan# 526

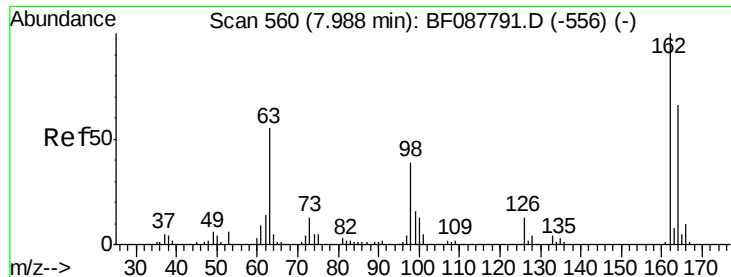
Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	12.7	11.6	17.4





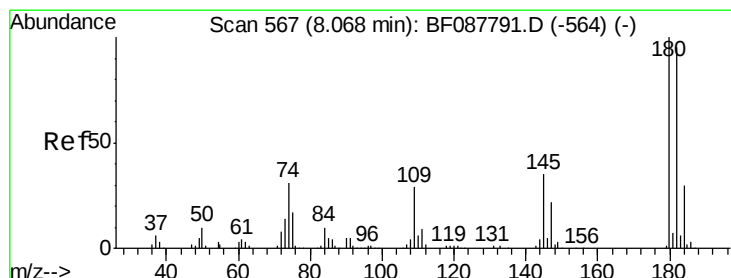
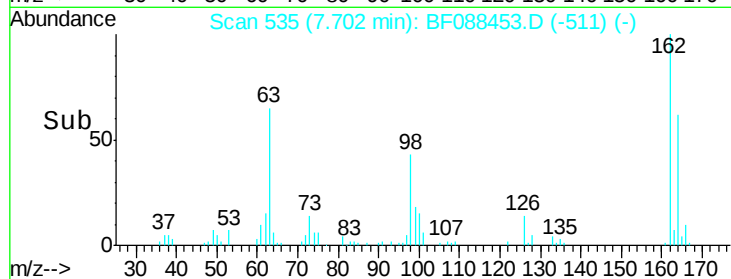
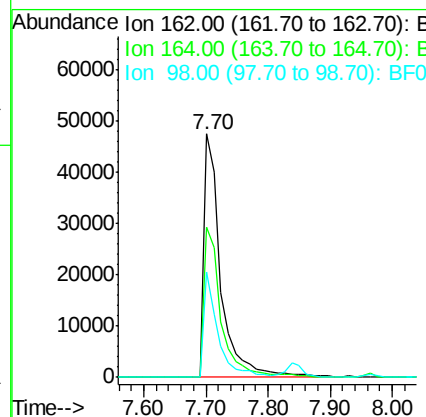
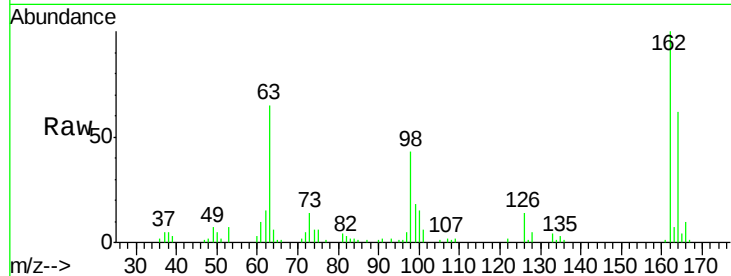
#29
2,4-Dichlorophenol
Concen: 22.29 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.8	83.8
98	43.1	21.3	61.3

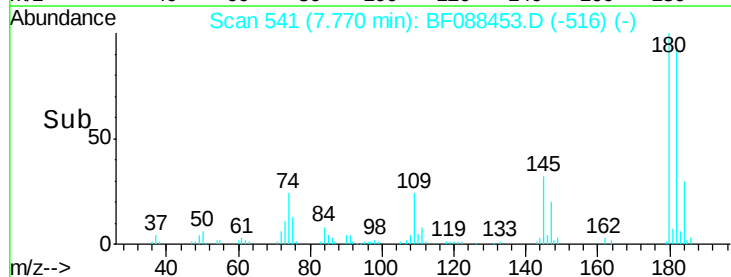
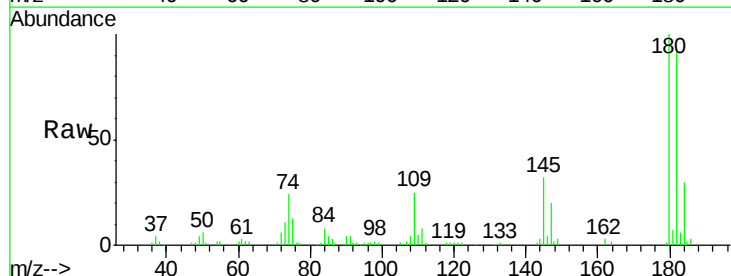
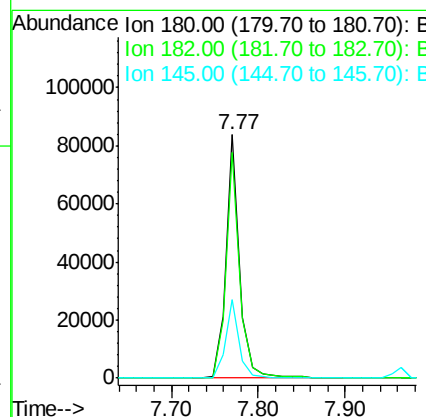
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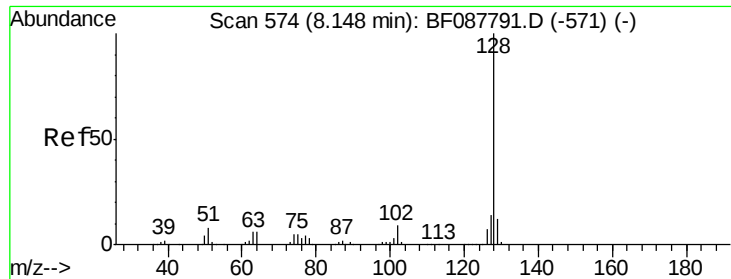
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#30
1,2,4-Trichlorobenzene
Concen: 20.96 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.0	114.0
145	32.1	26.5	39.7





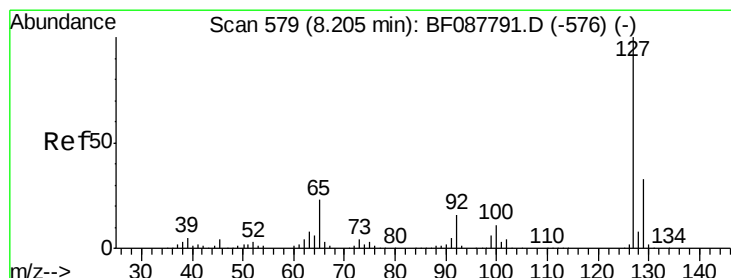
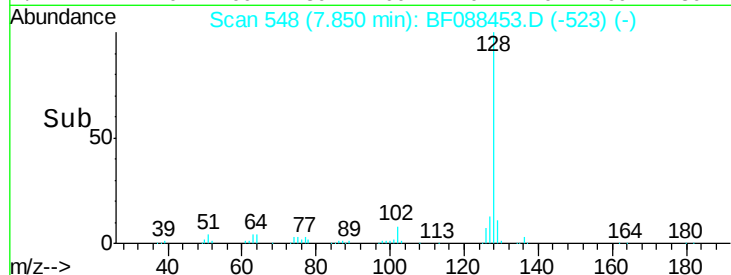
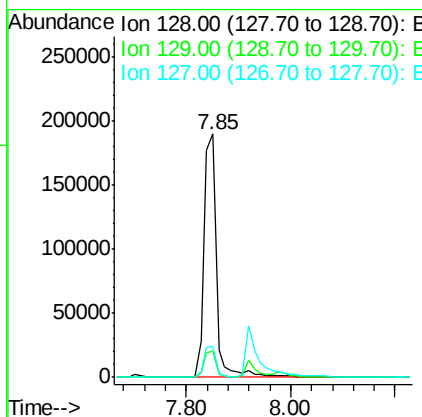
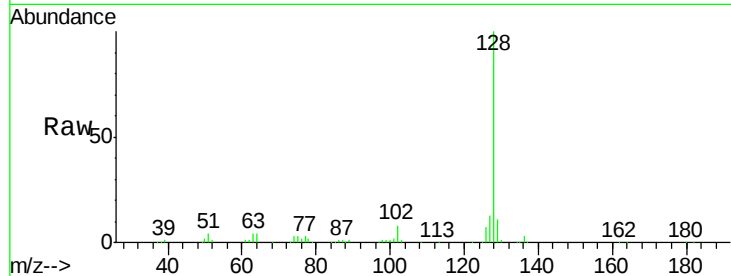
#31
Naphthalene
Concen: 21.32 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	312916		
129	10.6		9.4	14.2
127	12.8		10.9	16.3

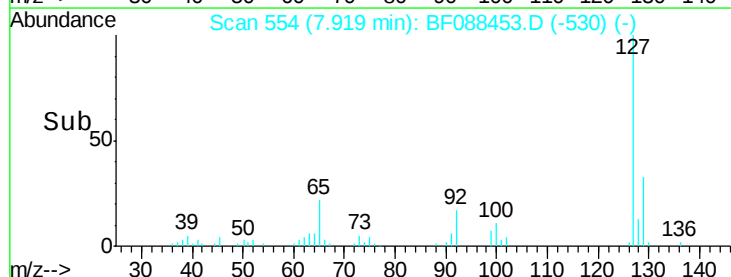
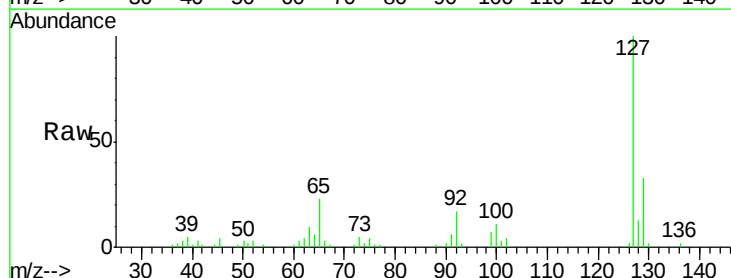
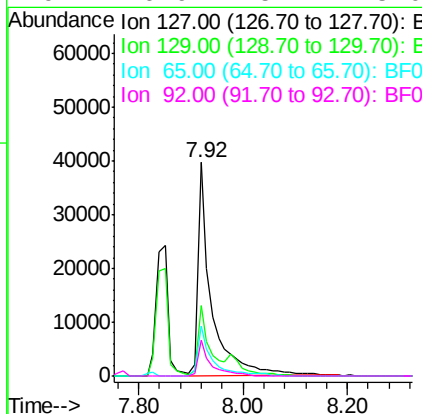
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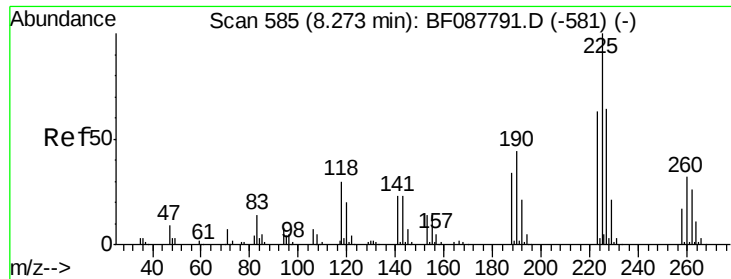
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#33
4-Chloroaniline
Concen: 10.61 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	69570		
129	32.7		26.3	39.5
65	23.5		24.7	37.1#
92	16.9		15.4	23.0





#34

Hexachlorobutadiene

Concen: 21.03 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

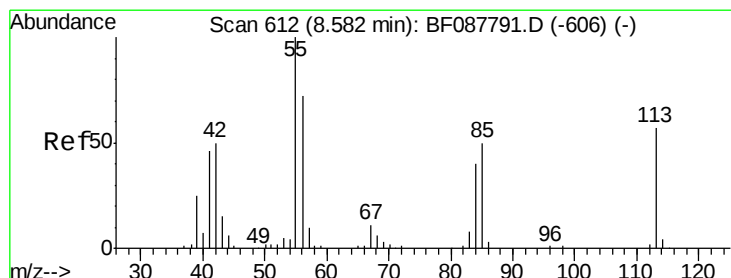
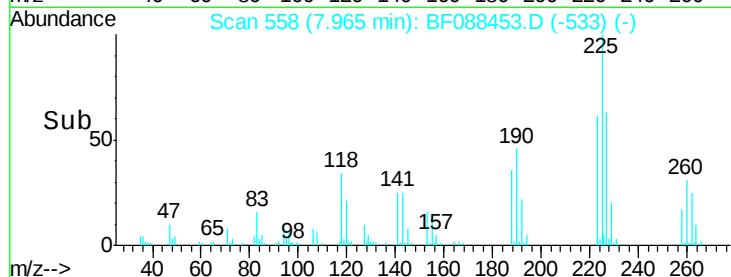
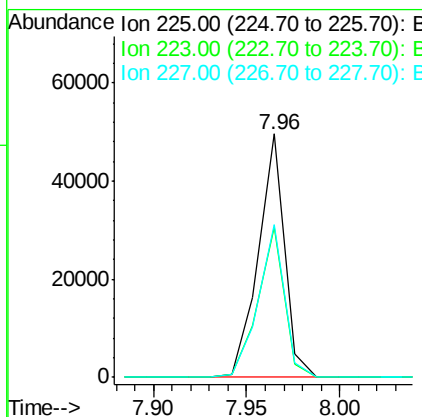
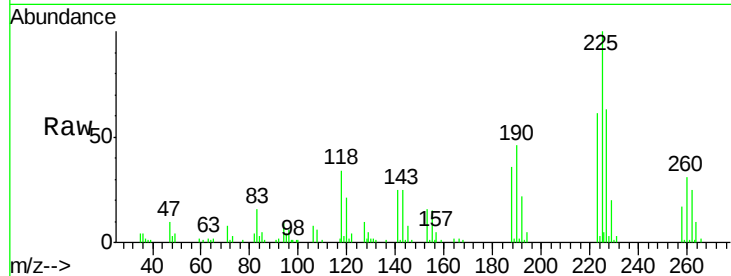
ClientSampleId :

PB91593BS

Tgt Ion:	225	Resp:	48931
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.9	76.3
227	62.9	51.9	77.9

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#35

Caprolactam

Concen: 20.31 ng

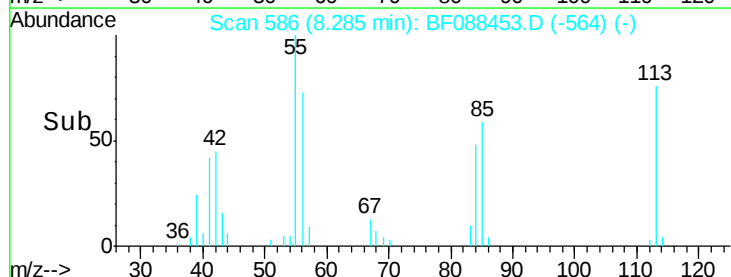
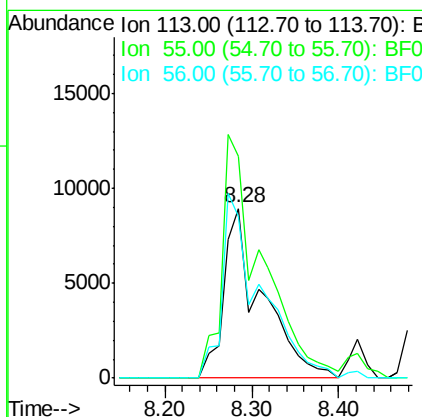
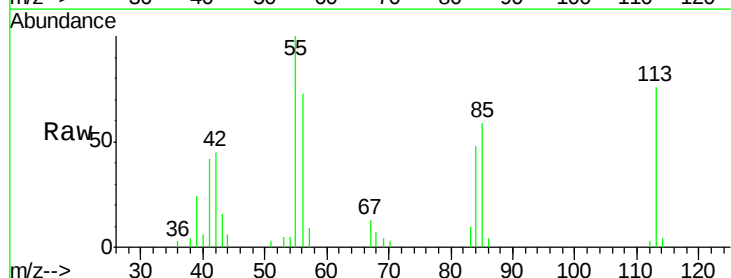
RT: 8.28 min Scan# 586

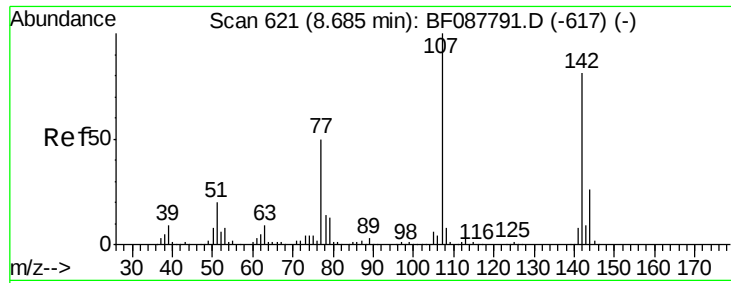
Delta R.T. -0.05 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:	113	Resp:	27259
Ion Ratio	Lower	Upper	
113	100		
55	130.8	158.6	198.6#
56	95.5	110.6	150.6#





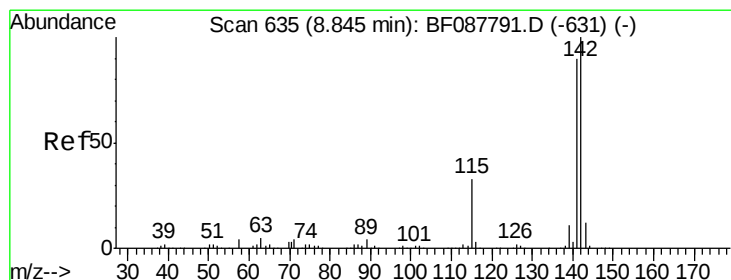
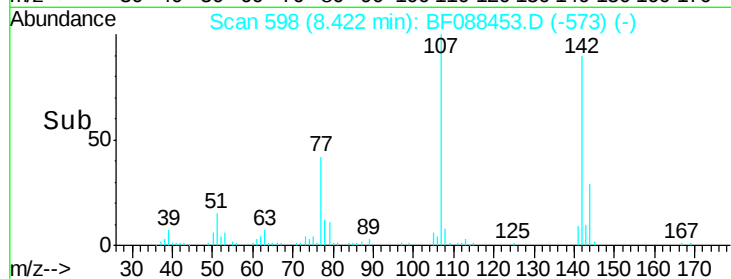
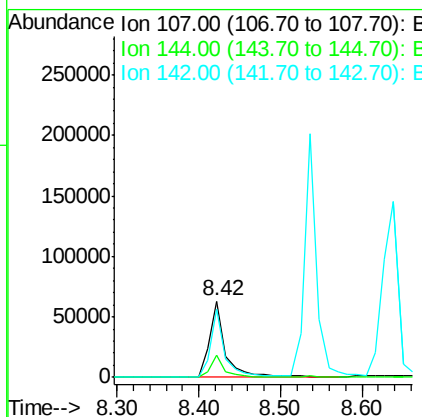
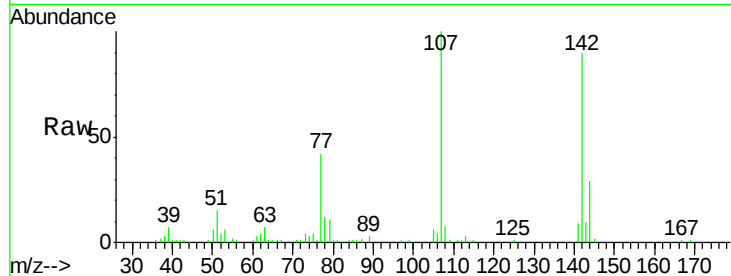
#36
4-Chloro-3-methylphenol
Concen: 20.33 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	20.8	31.2
142	90.2	63.4	95.2

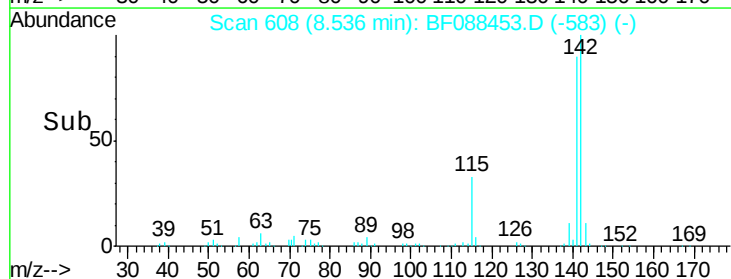
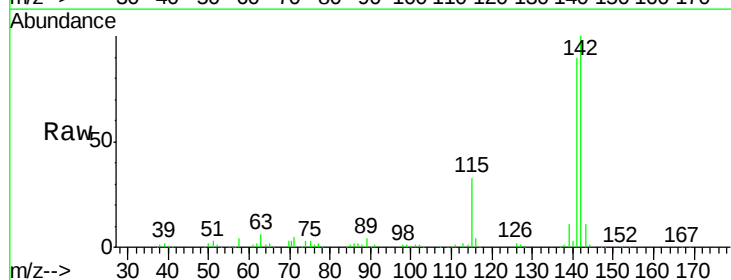
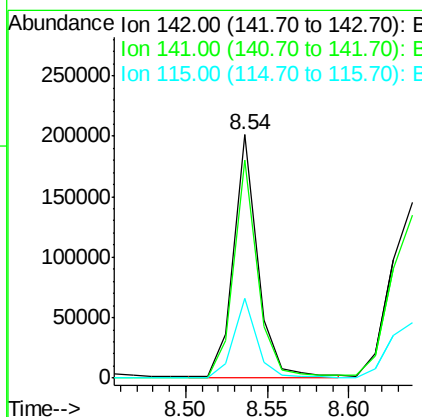
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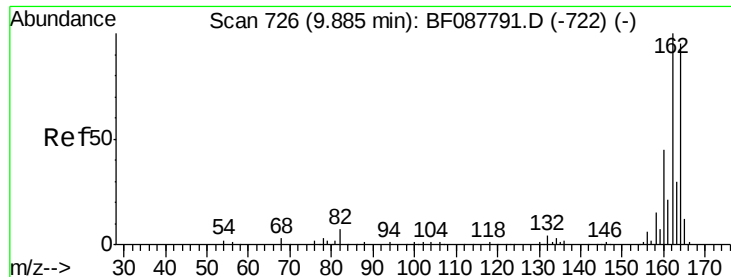
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#37
2-Methylnaphthalene
Concen: 21.37 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	32.7	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF088453.D

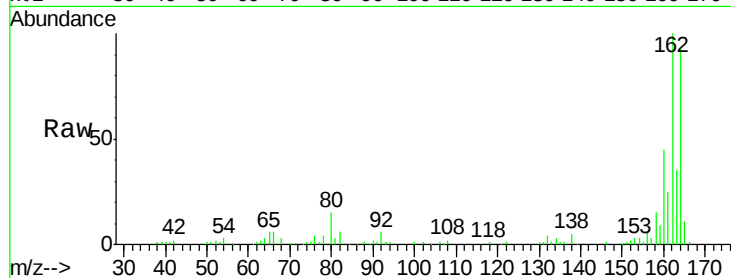
Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

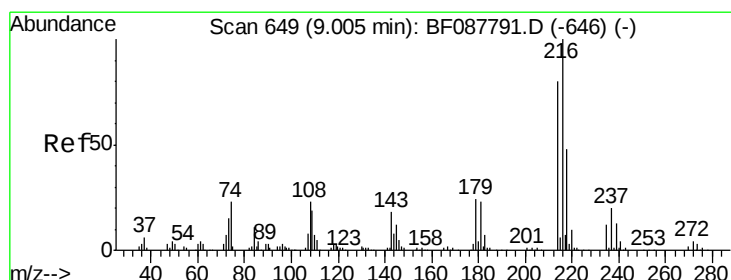
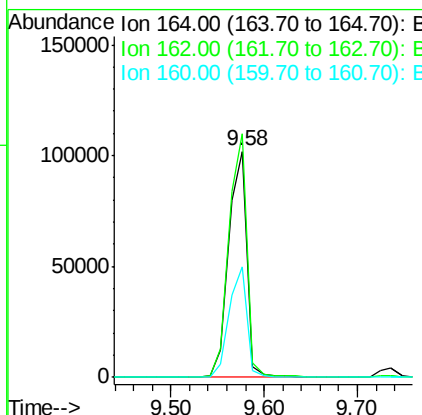
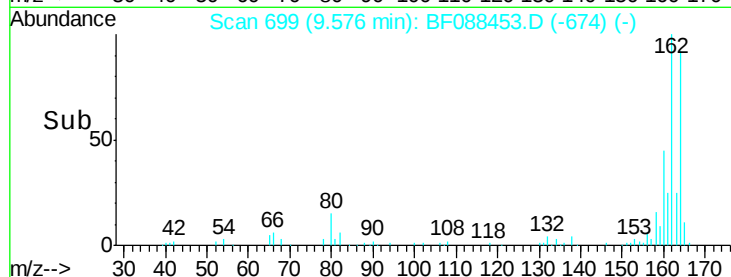
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.4	128.2
160	48.8	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.20 ng

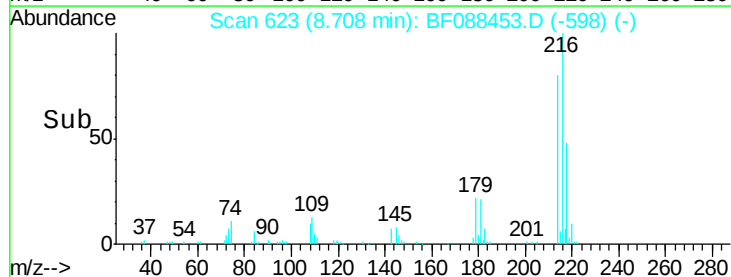
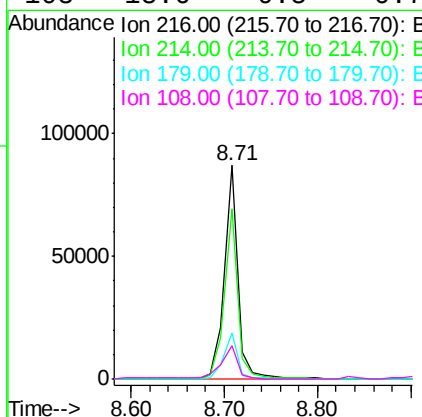
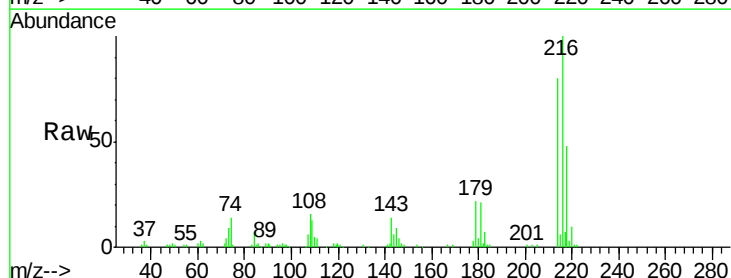
RT: 8.71 min Scan# 623

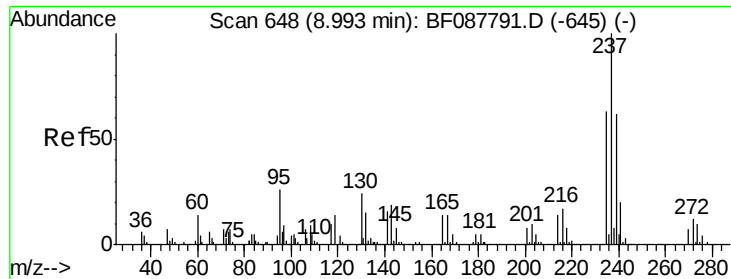
Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	2.9	4.3#
179	22.1	0.0	0.0#
108	18.6	0.5	0.7#





#40

Hexachlorocyclopentadiene

Concen: 10.48 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

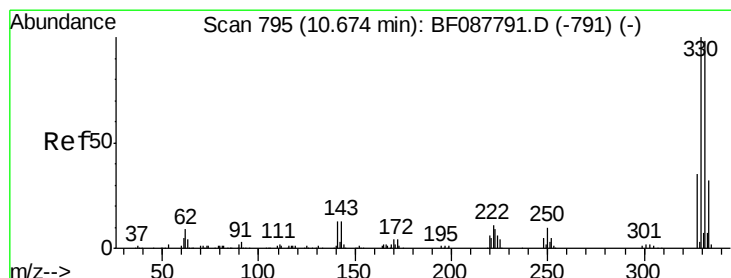
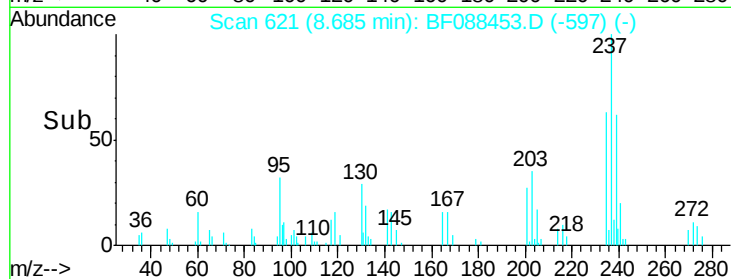
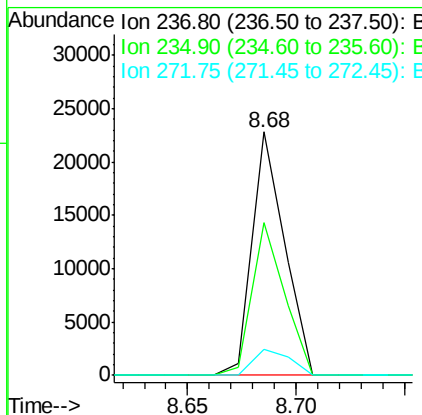
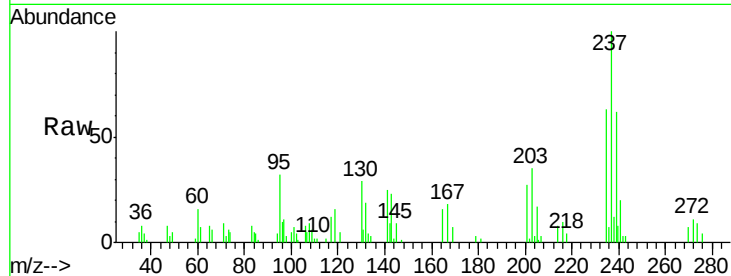
ClientSampleId :

PB91593BS

Tgt Ion:	237	Resp:	23632
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.4	83.4
272	10.7	0.0	32.3

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#41

2,4,6-Tribromophenol

Concen: 92.56 ng

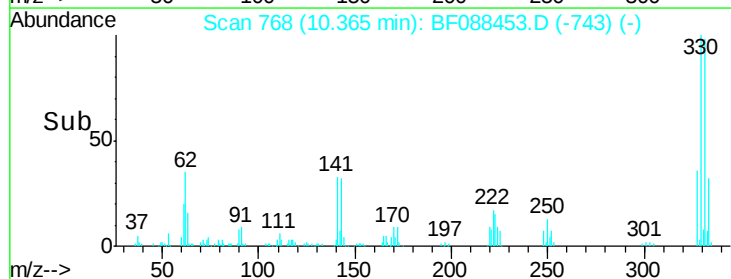
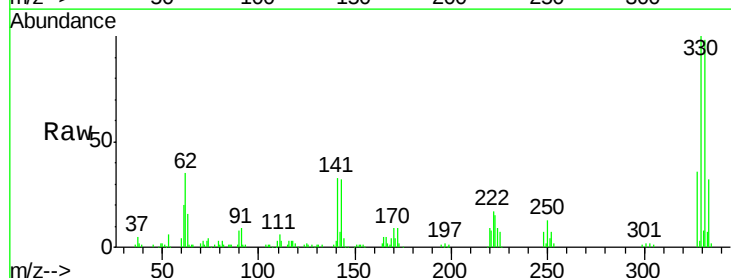
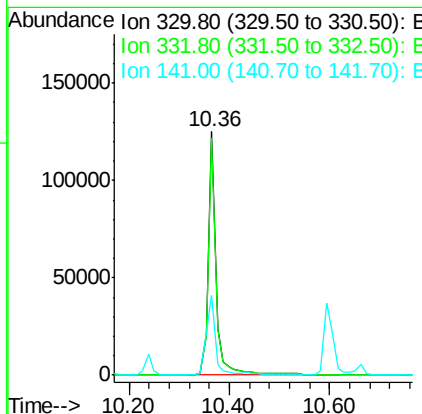
RT: 10.36 min Scan# 768

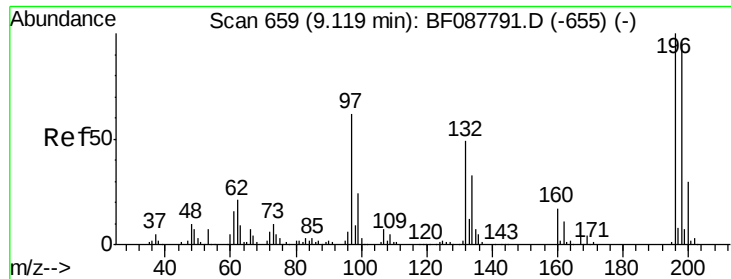
Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:	330	Resp:	136596
Ion Ratio	Lower	Upper	
330	100		
332	97.4	0.0	0.0#
141	39.9	0.0	0.0#





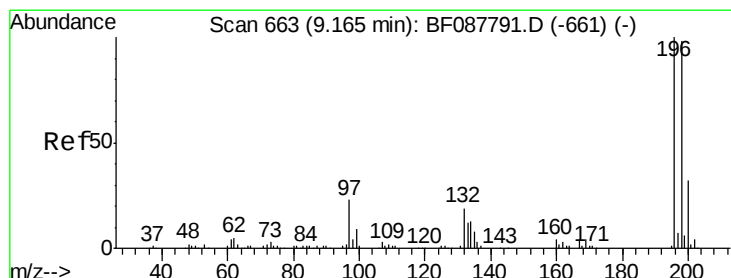
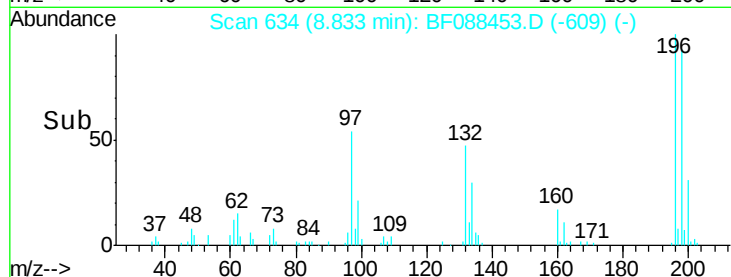
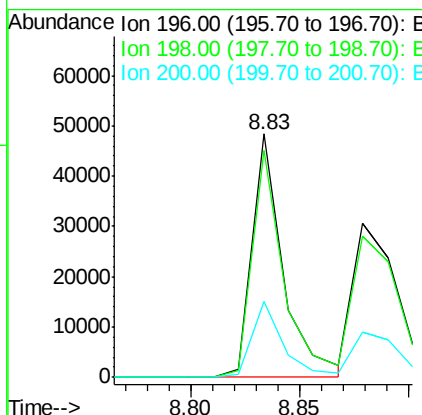
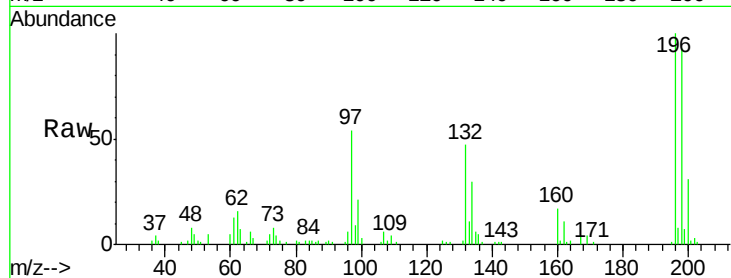
#42
 2,4,6-Trichlorophenol
 Concen: 17.24 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	78.0	117.0
200	31.0	25.4	38.2

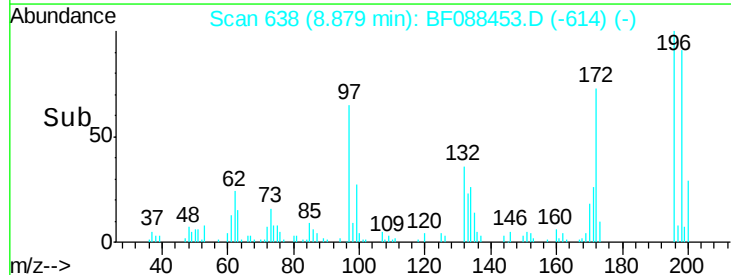
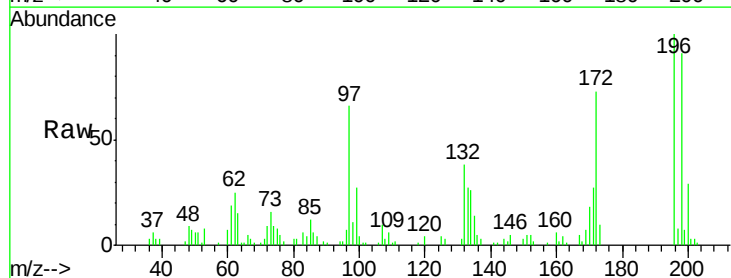
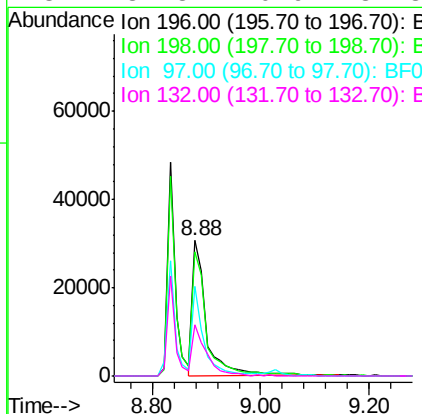
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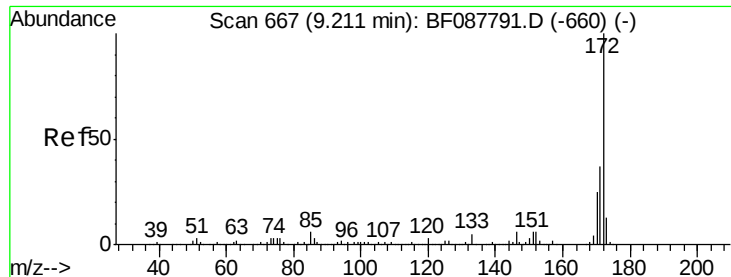
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#43
 2,4,5-Trichlorophenol
 Concen: 18.56 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.4	77.5	116.3
97	66.2	32.0	48.0#
132	37.8	20.9	31.3#





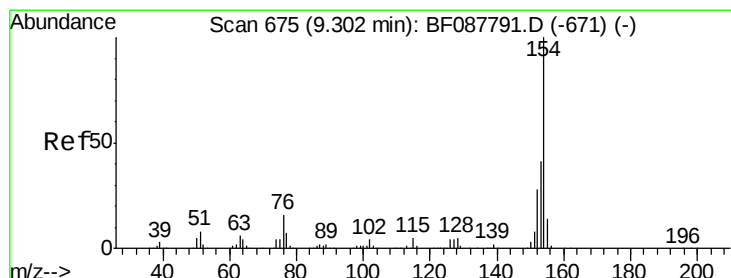
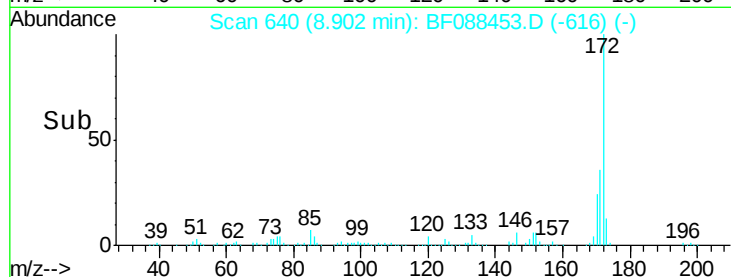
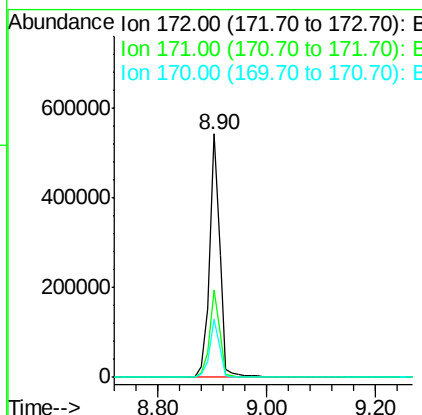
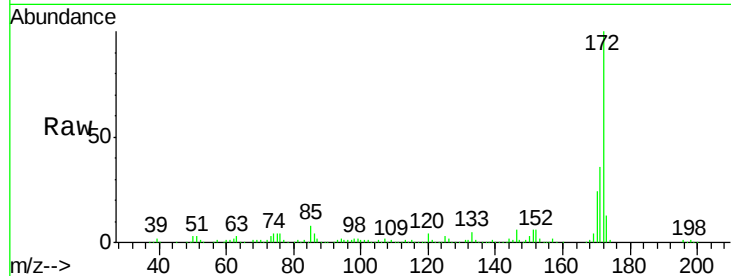
#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	718890		
171	35.9	28.6	43.0	
170	23.9	19.2	28.8	

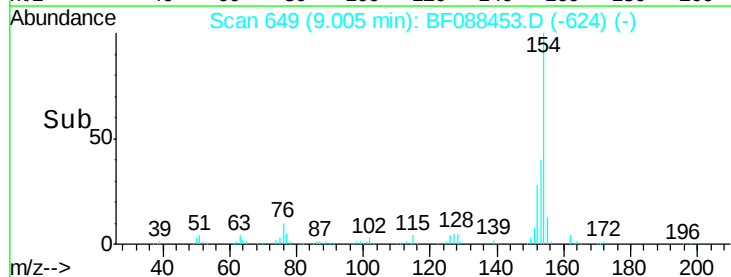
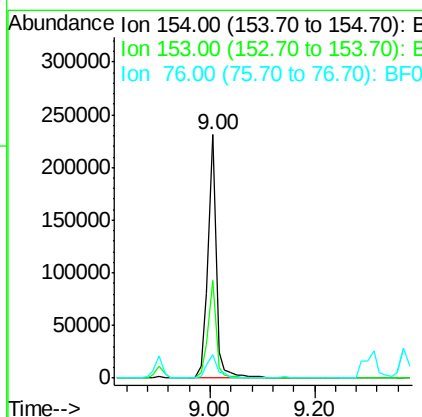
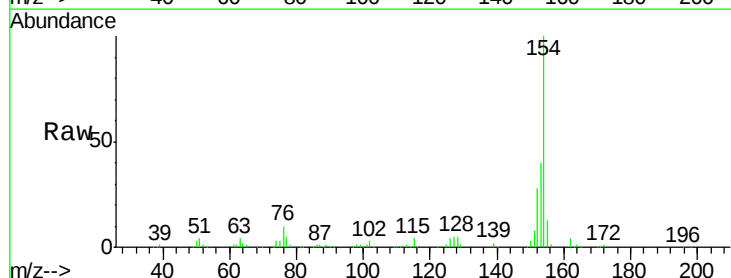
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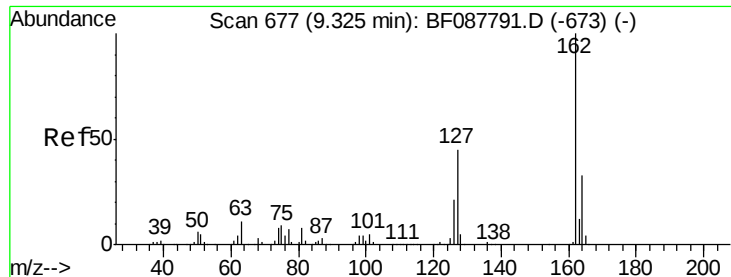
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#45
 1,1'-Biphenyl
 Concen: 21.34 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	258056		
153	40.3	20.6	60.6	
76	9.7	0.0	35.1	





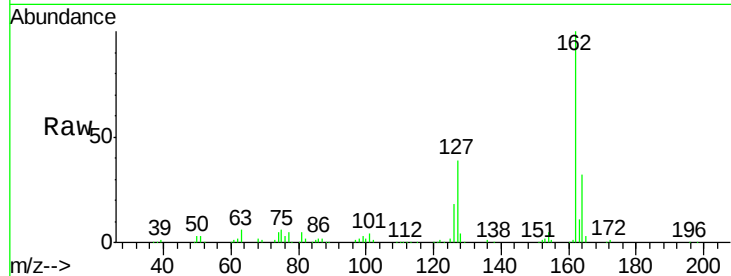
#46
2-Chloronaphthalene
Concen: 22.25 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

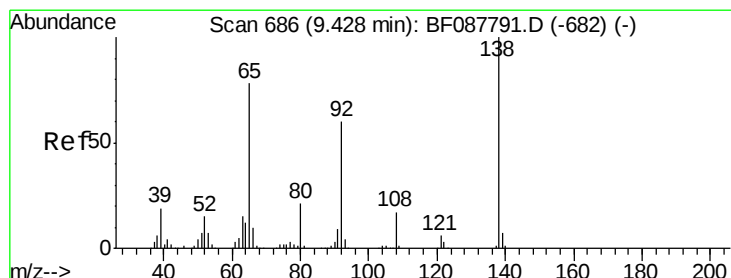
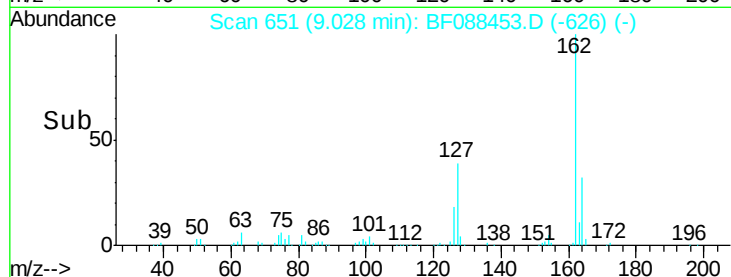
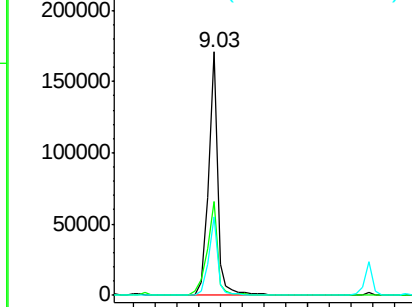
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	201237		
127	38.6	35.2	52.8	
164	32.1	26.6	39.8	

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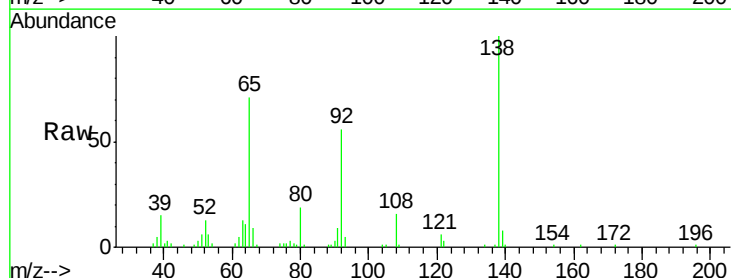


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

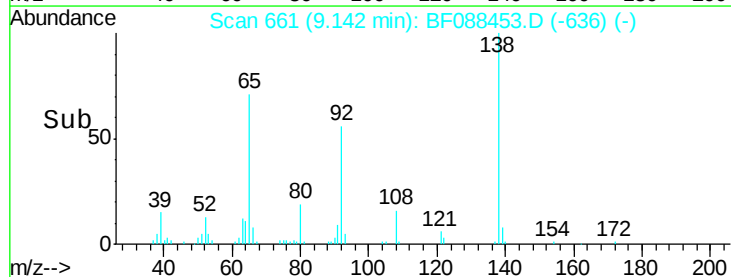
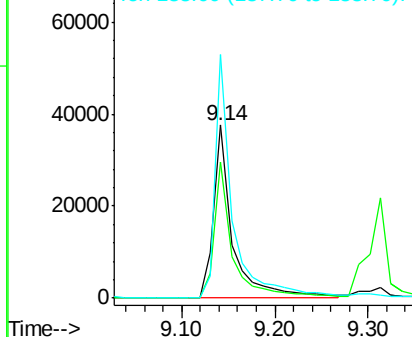


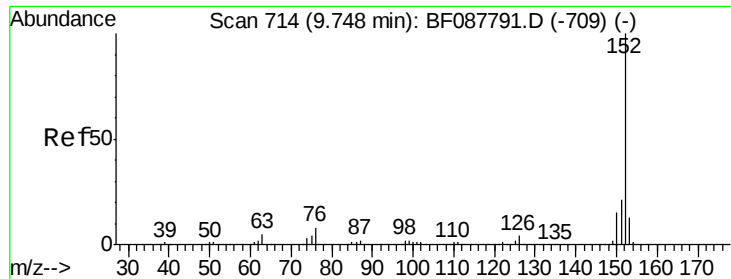
#47
2-Nitroaniline
Concen: 20.31 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	54183		
92	78.9	54.6	82.0	
138	141.1	77.0	115.4#	



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





#48

Acenaphthylene

Concen: 21.79 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

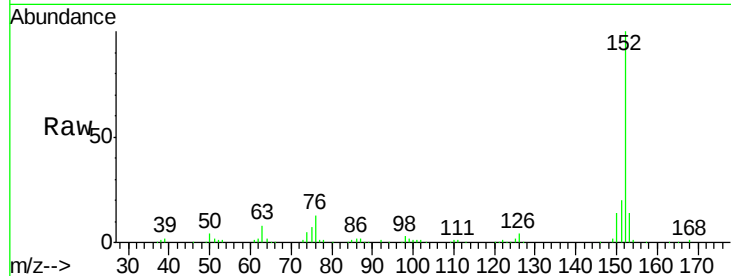
ClientSampleId :

PB91593BS

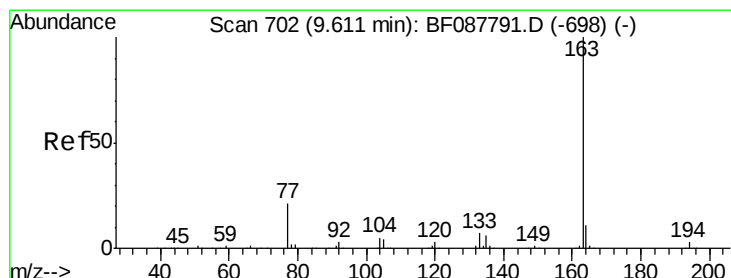
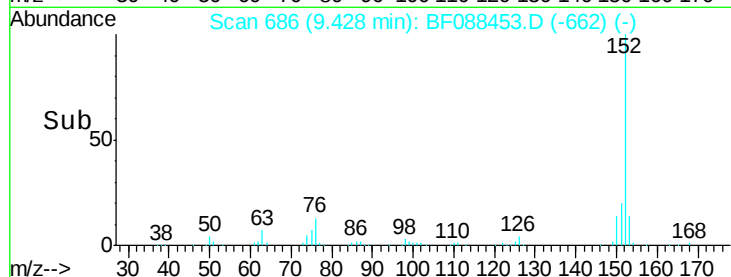
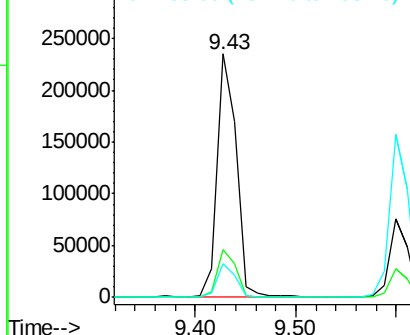
Tgt Ion:	152	Resp:	313393
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	13.7	11.0	16.6

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



#49

Dimethylphthalate

Concen: 23.51 ng

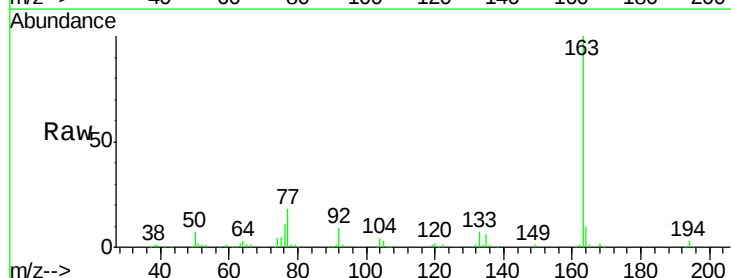
RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

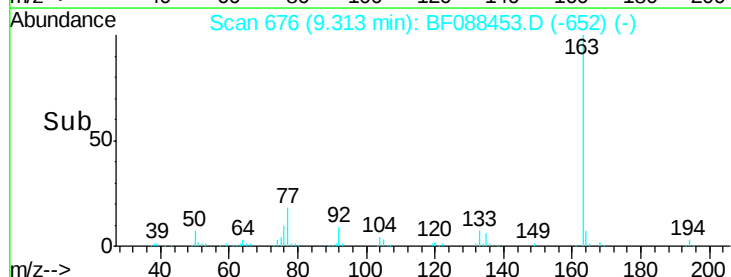
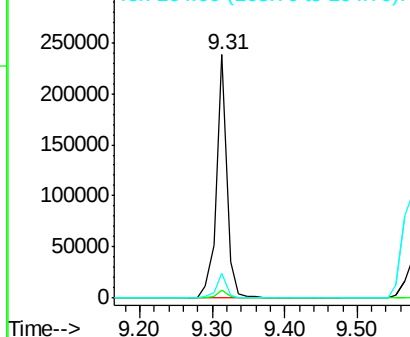
Lab File: BF088453.D

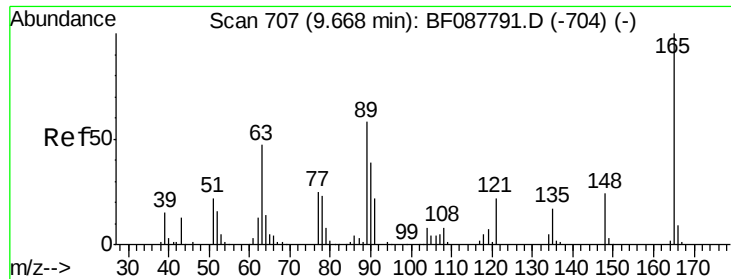
Acq: 27 Jun 2016 13:49

Tgt Ion:	163	Resp:	237977
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	9.9	8.3	12.5



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





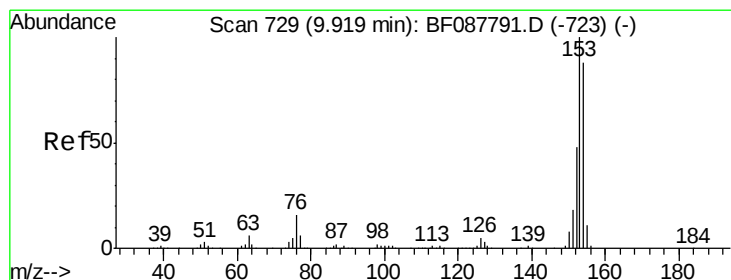
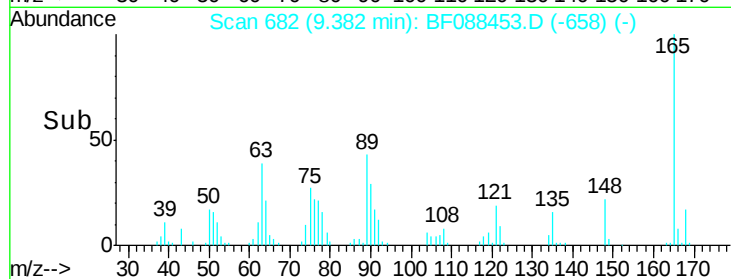
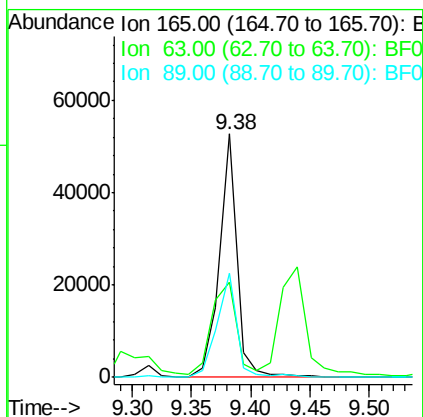
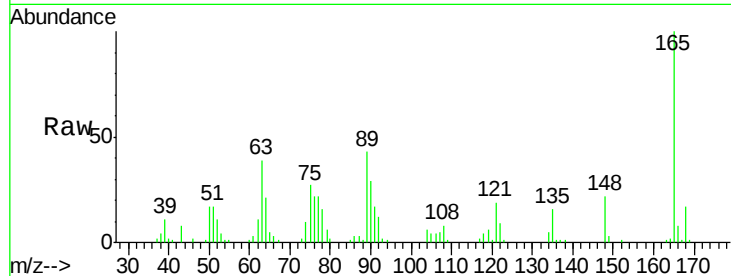
#50
2,6-Dinitrotoluene
Concen: 23.16 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	53697		
63	39.0	28.1	42.1	
89	42.8	32.2	48.2	

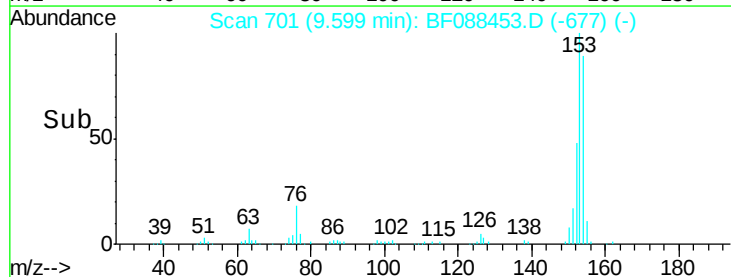
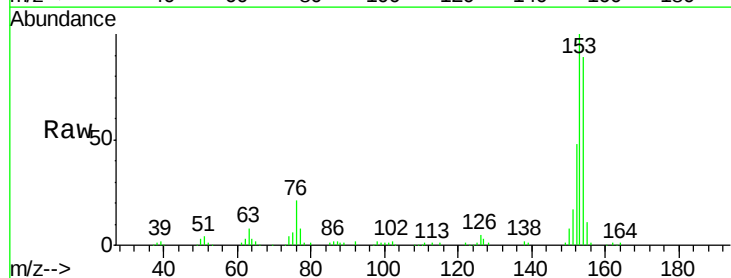
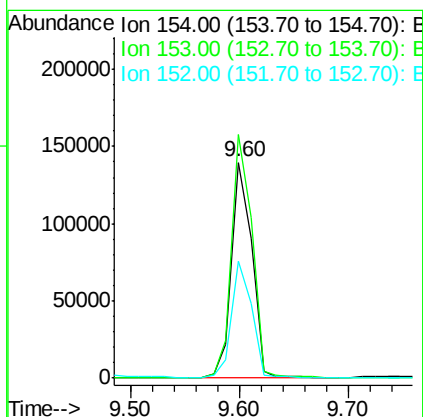
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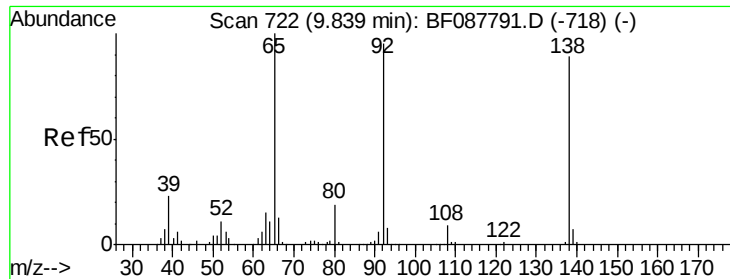
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#51
Acenaphthene
Concen: 20.15 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	180852		
153	112.8	89.5	134.3	
152	54.0	42.7	64.1	





#52

3-Nitroaniline

Concen: 15.55 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

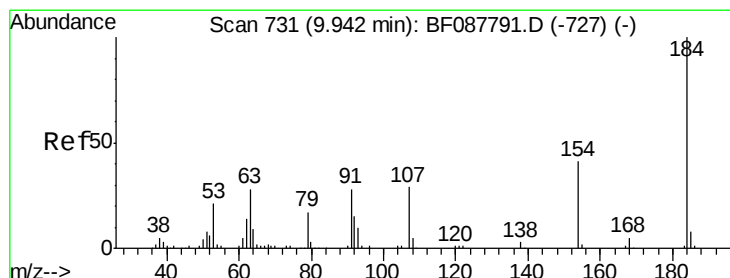
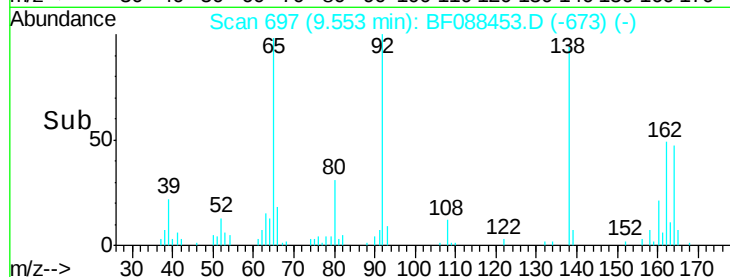
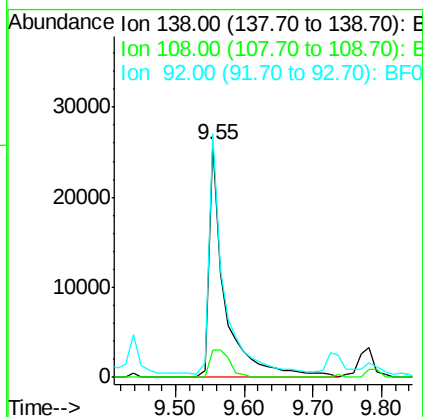
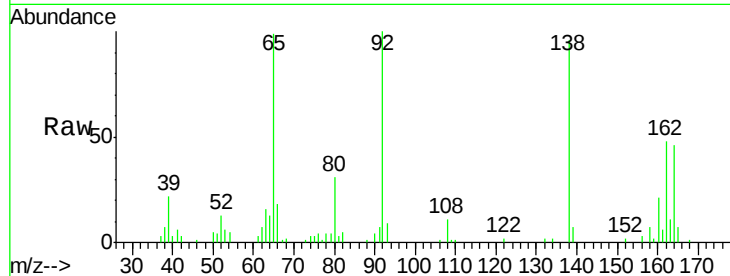
ClientSampled :

PB91593BS

Tgt Ion:	138	Resp:	41609
Ion Ratio	Lower	Upper	
138	100		
108	11.9	8.5	12.7
92	104.4	95.7	143.5

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#53

2,4-Dinitrophenol

Concen: 6.93 ng

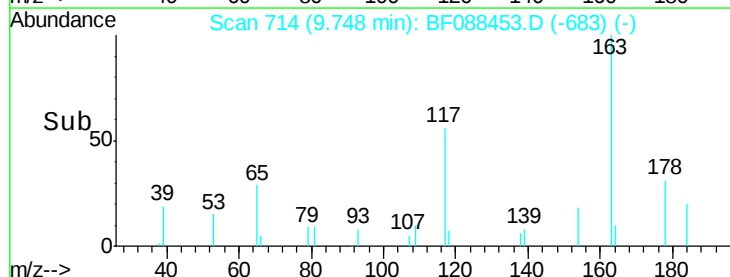
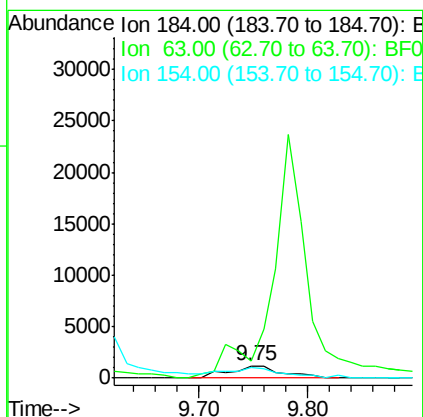
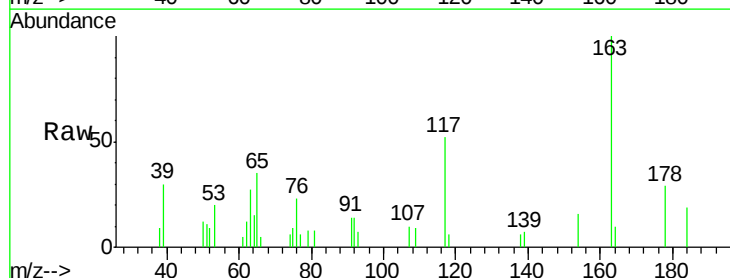
RT: 9.75 min Scan# 714

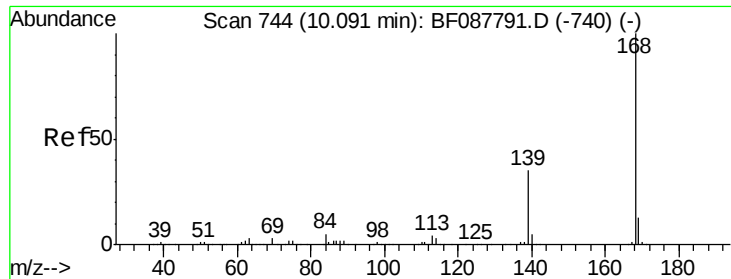
Delta R.T. 0.06 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:	184	Resp:	4037
Ion Ratio	Lower	Upper	
184	100		
63	142.1	57.6	86.4#
154	88.4	53.5	80.3#





#54

Dibenzenofuran

Concen: 22.43 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

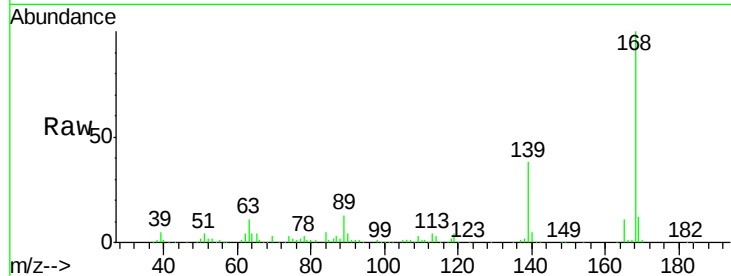
ClientSampled :

PB91593BS

Tgt Ion:	168	Resp:	277207
Ion Ratio	Lower	Upper	
168	100		
139	38.4	26.4	39.6
169	12.5	10.4	15.6

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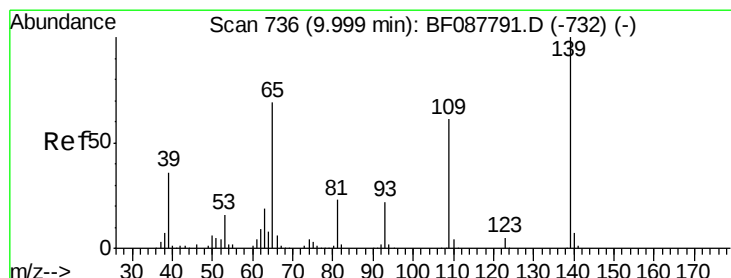
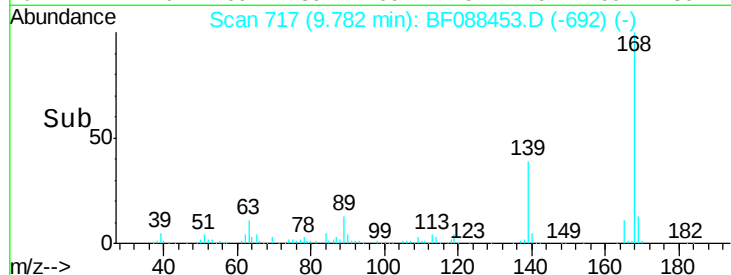
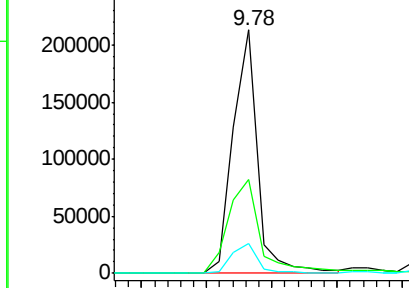
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 9.69 ng m

RT: 9.82 min Scan# 720

Delta R.T. 0.03 min

Lab File: BF088453.D

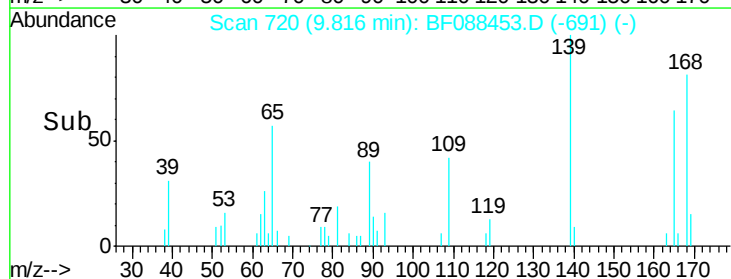
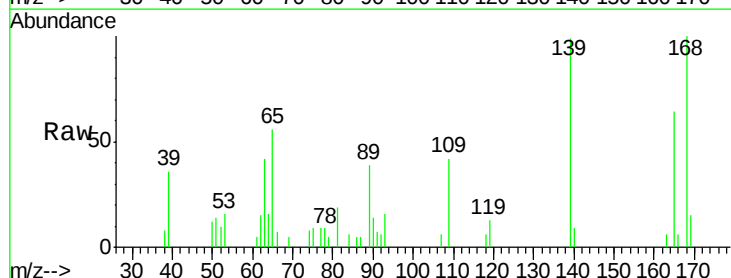
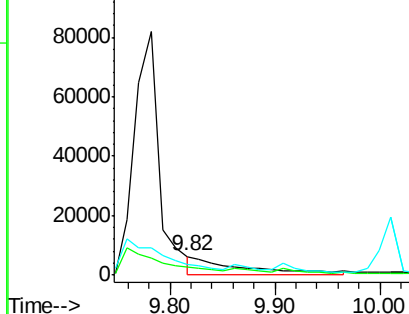
Acq: 27 Jun 2016 13:49

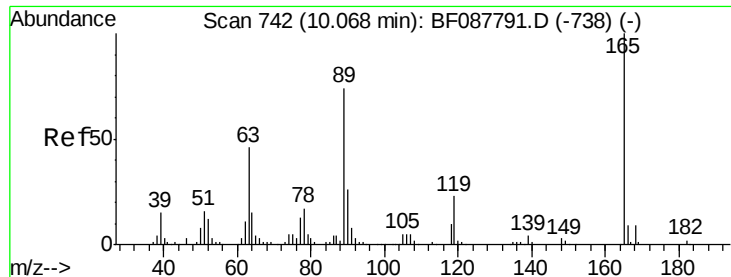
Tgt Ion:	139	Resp:	20118
Ion Ratio	Lower	Upper	
139	100		
109	42.0	48.9	88.9#
65	56.6	84.9	124.9#

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): BF0





#56

2,4-Dinitrotoluene

Concen: 22.47 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

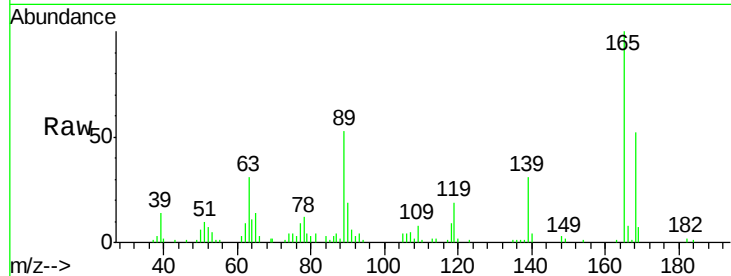
ClientSampleId :

PB91593BS

Tgt Ion:	165	Resp:	66957
Ion Ratio	Lower	Upper	
165	100		
63	31.5	22.0	33.0
89	53.4	41.1	61.7
182	2.4	2.0	3.0

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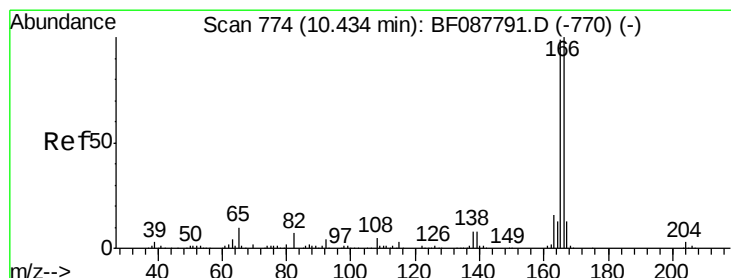
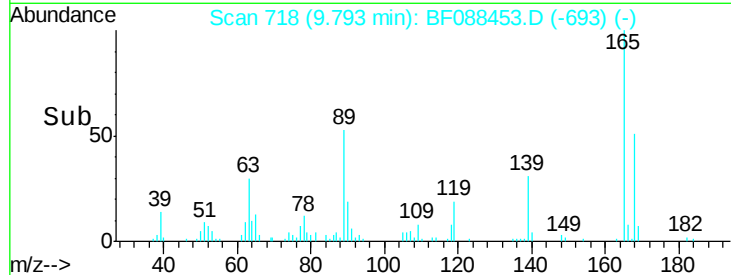
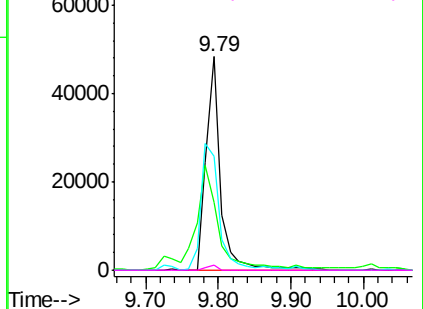


Abundance Ion 165.00 (164.70 to 165.70): E

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: 23.48 ng

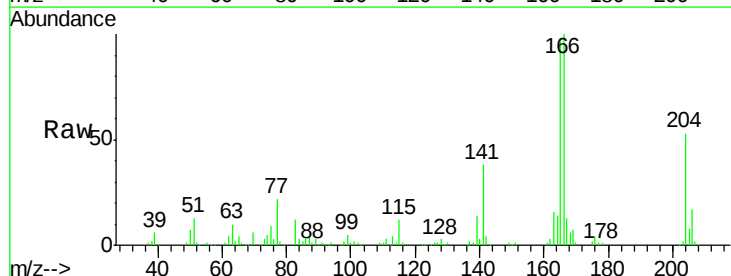
RT: 10.11 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

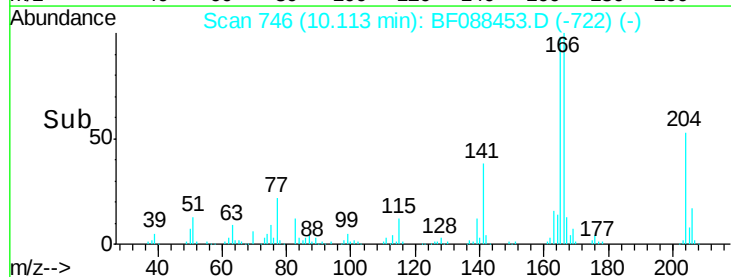
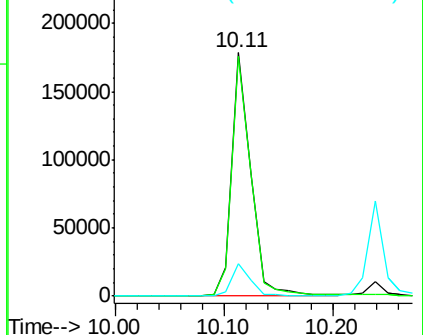
Tgt Ion:	166	Resp:	215419
Ion Ratio	Lower	Upper	
166	100		
165	98.4	77.8	116.8
167	13.3	11.2	16.8

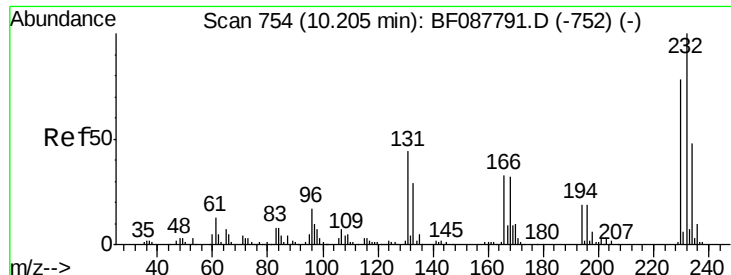


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





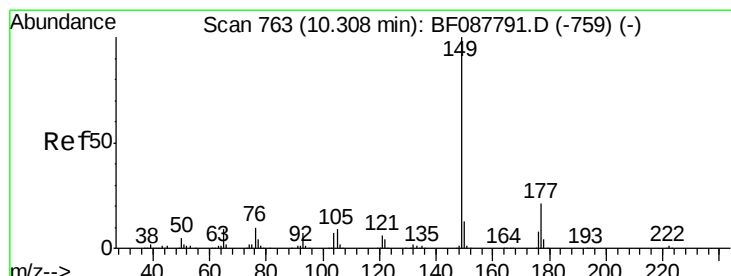
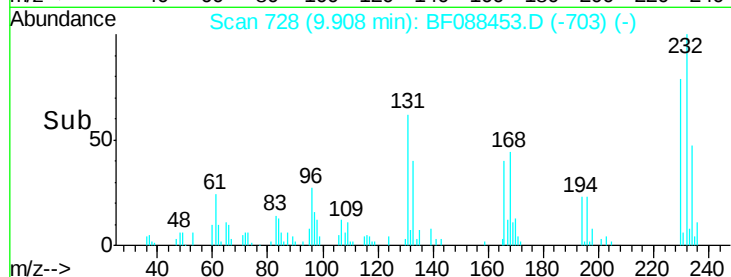
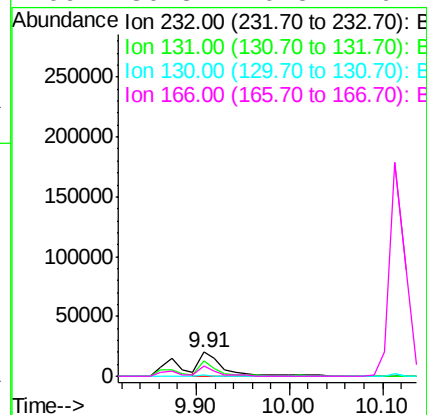
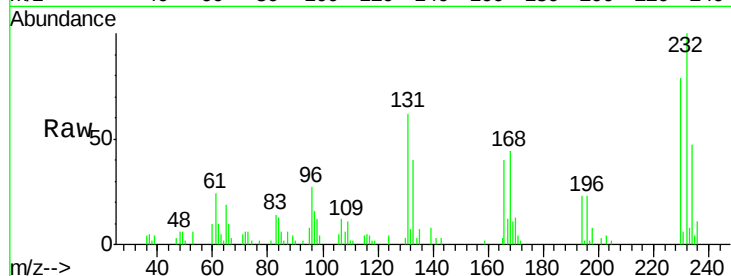
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.64 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampled :
 PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	33448		
131	50.8	0.9	1.3#	
130	2.0	1.5	2.3	
166	36.3	0.5	0.7#	

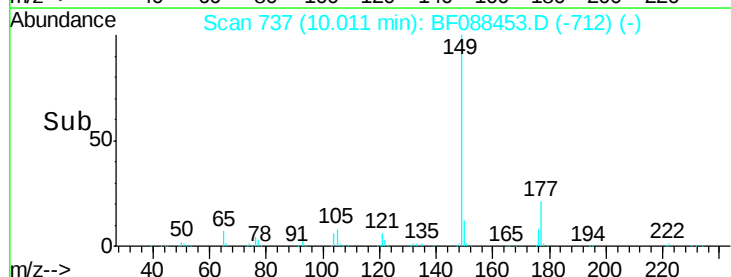
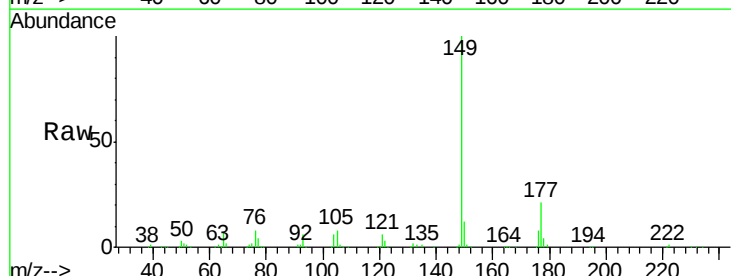
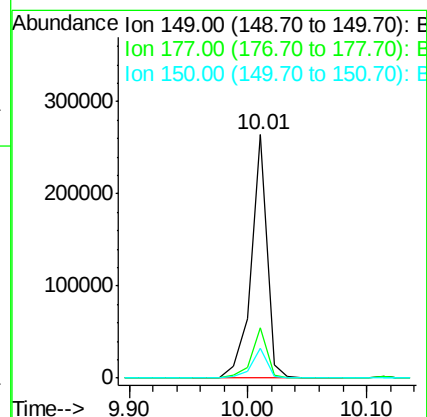
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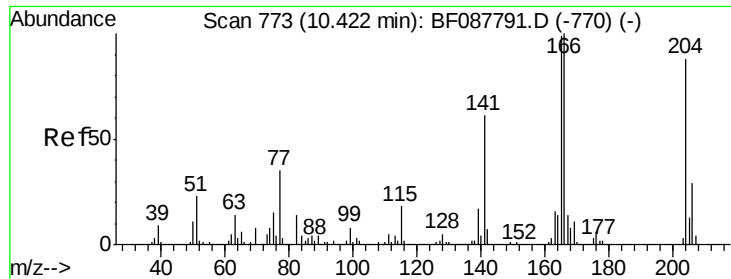
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#59
 Diethylphthalate
 Concen: 24.19 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	247883		
177	20.7	16.9	25.3	
150	12.2	10.1	15.1	





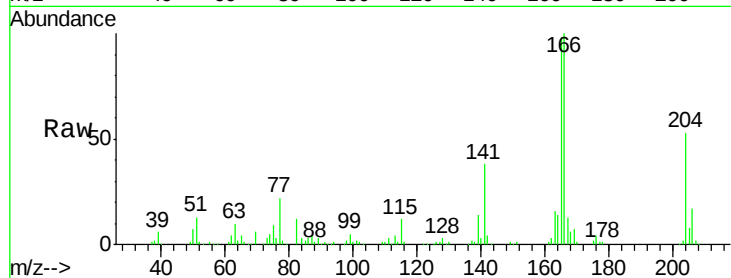
#60
4-Chlorophenyl-phenylether
Concen: 23.73 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

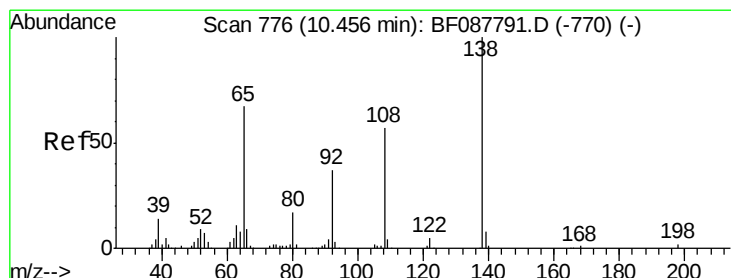
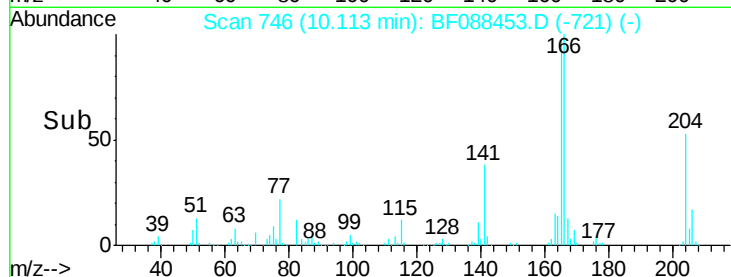
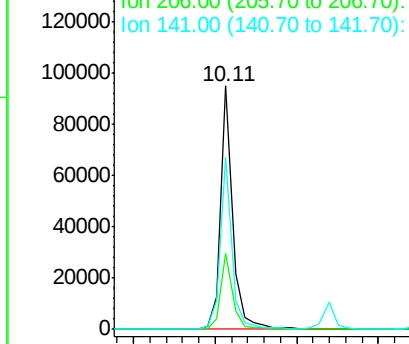
Tgt Ion: 204 Resp: 97540
Ion Ratio Lower Upper
204 100
206 31.4 26.3 39.5
141 70.5 55.0 82.6

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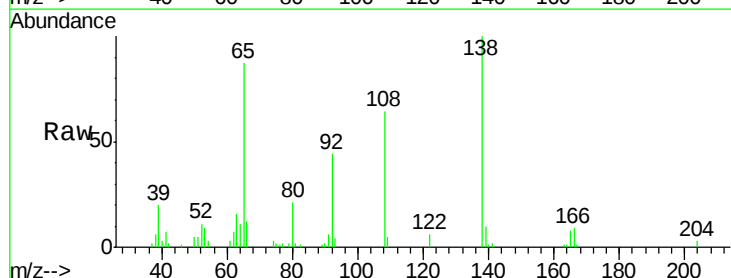


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

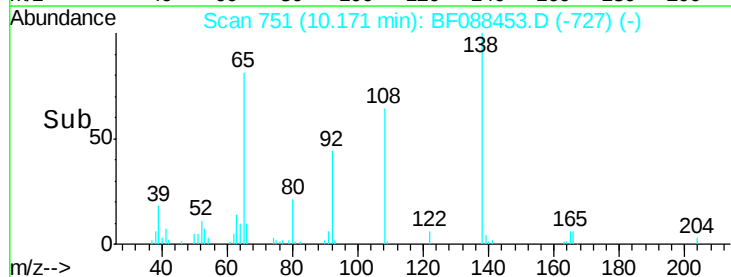
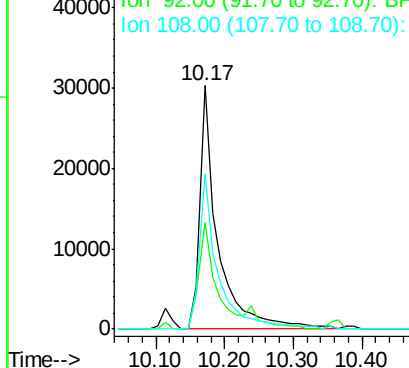


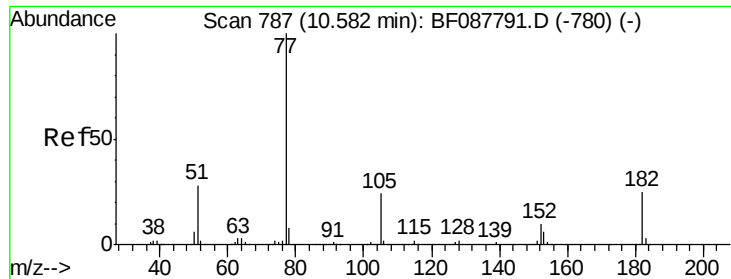
#61
4-Nitroaniline
Concen: 21.40 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion: 138 Resp: 54301
Ion Ratio Lower Upper
138 100
92 43.8 27.3 67.3
108 63.8 46.7 86.7



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





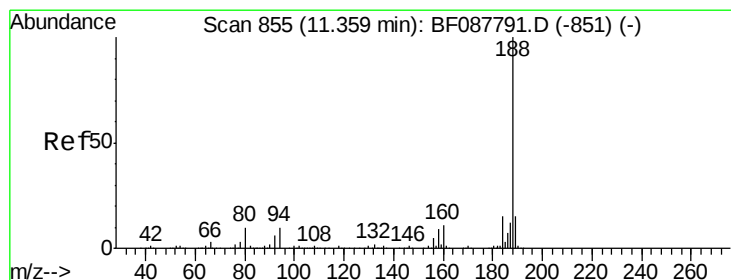
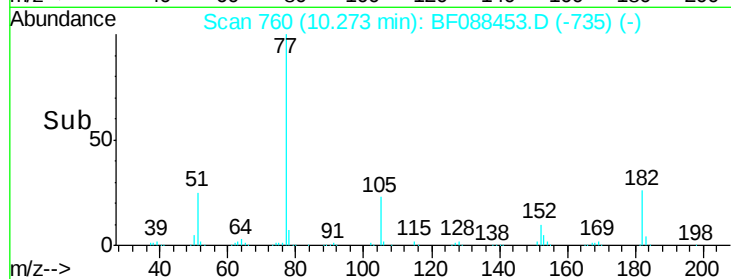
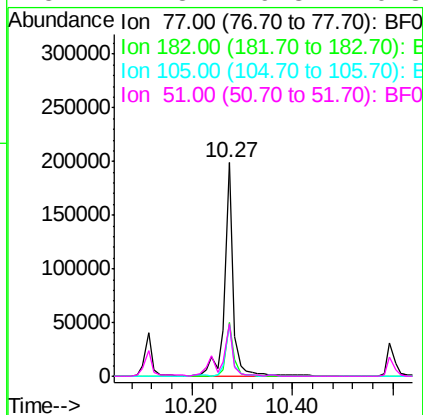
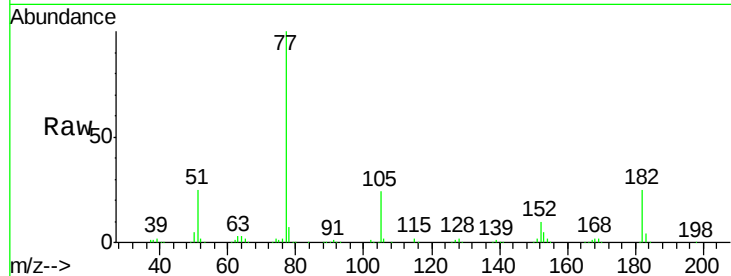
#62
Azobenzene
Concen: 22.95 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		232616		
182	25.4	4.4	44.4		
105	23.9	3.8	43.8		
51	24.8	9.3	49.3		

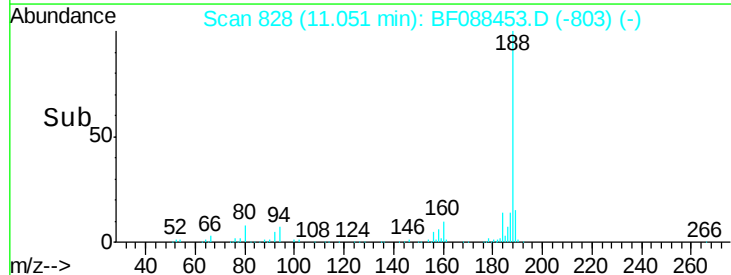
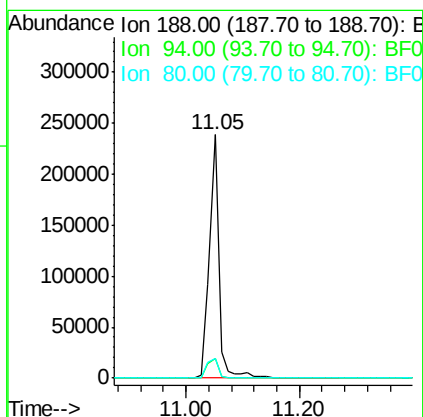
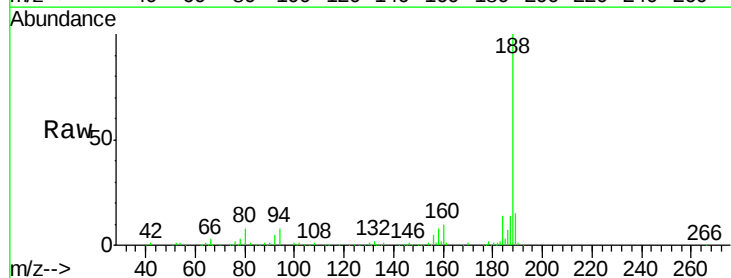
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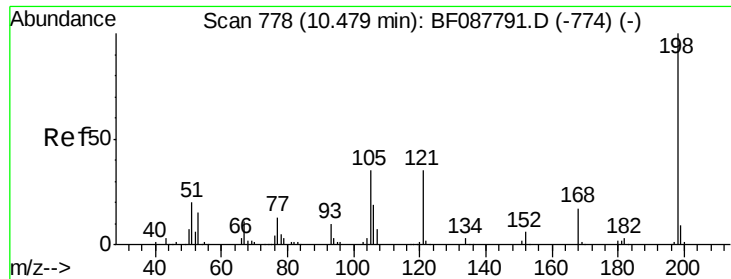
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		266531		
94	8.1	9.0	13.6#		
80	8.2	10.0	15.0#		





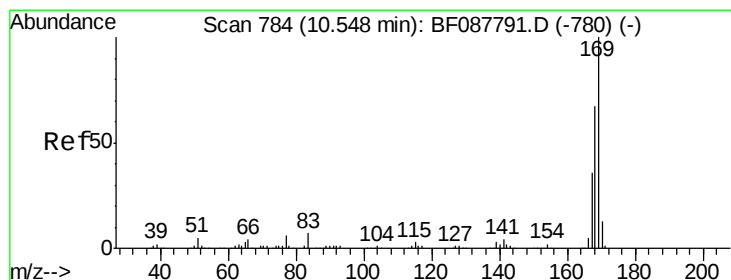
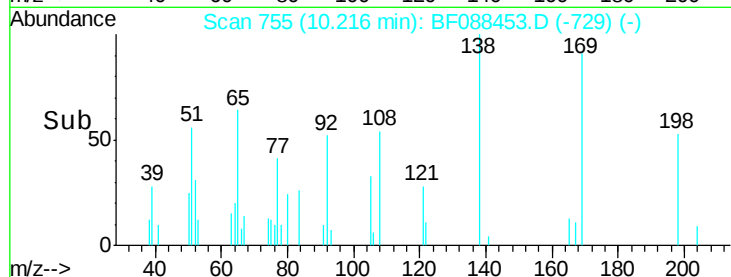
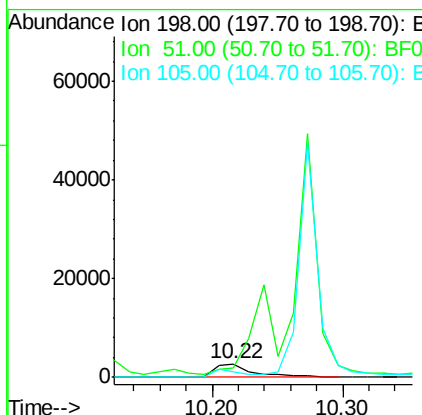
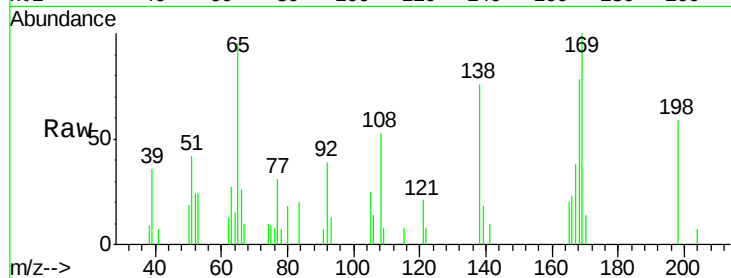
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.39 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampled :
 PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	5628		
51	72.3	39.6	79.6	
105	42.6	36.6	76.6	

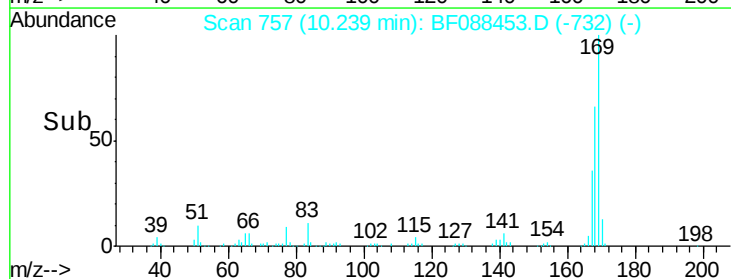
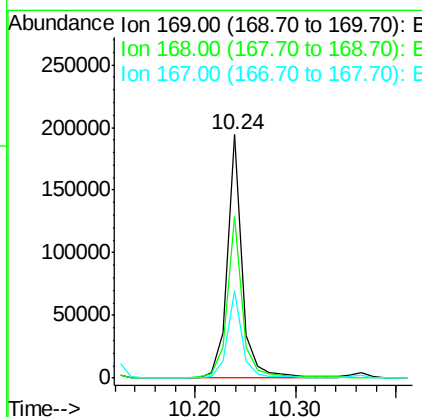
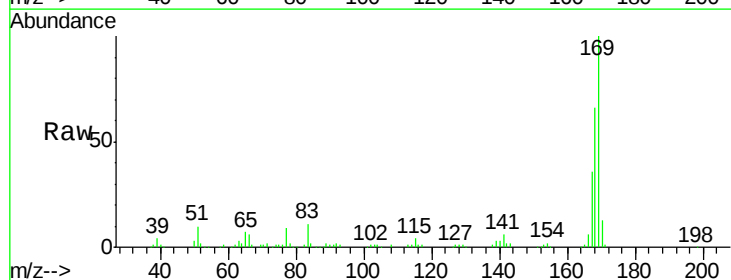
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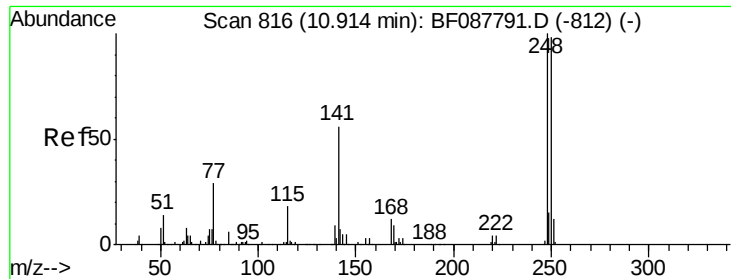
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#65
 n-Nitrosodiphenylamine
 Concen: 22.98 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

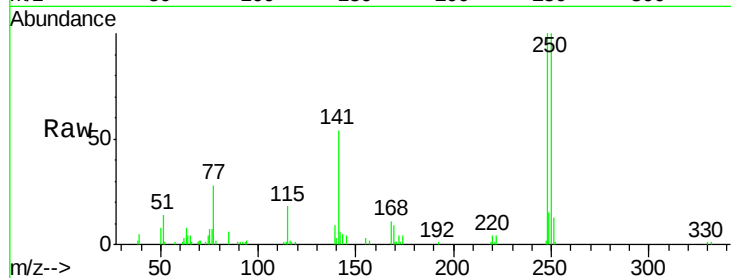
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	203215		
168	66.4	53.4	80.0	
167	35.7	29.4	44.0	





#66
4-Bromophenyl-phenylether
Concen: 21.22 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

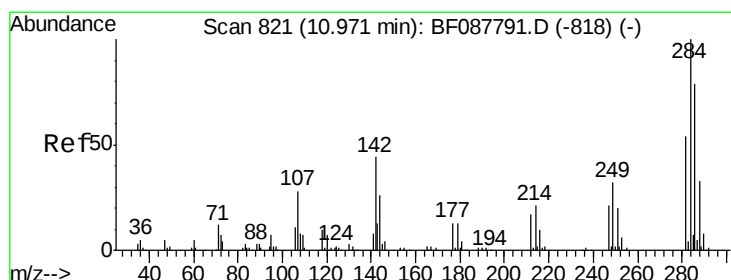
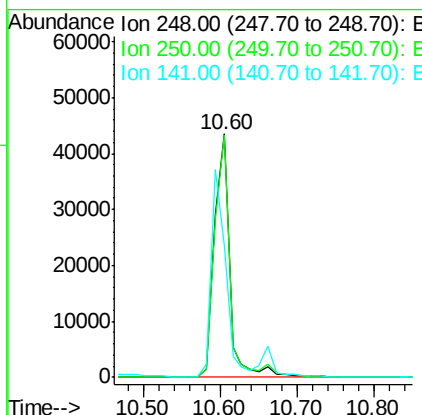
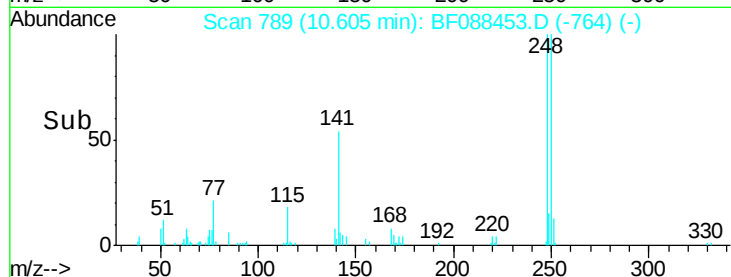
Instrument :
BNA_F
ClientSampleId :
PB91593BS



Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.1	115.7
141	54.1	50.6	76.0

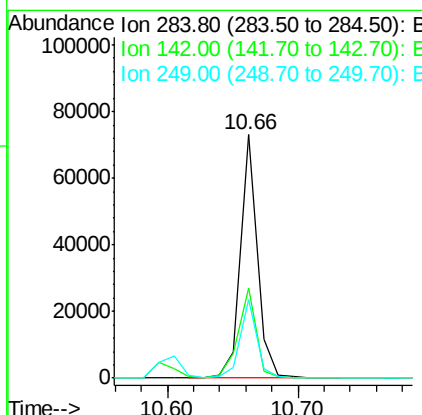
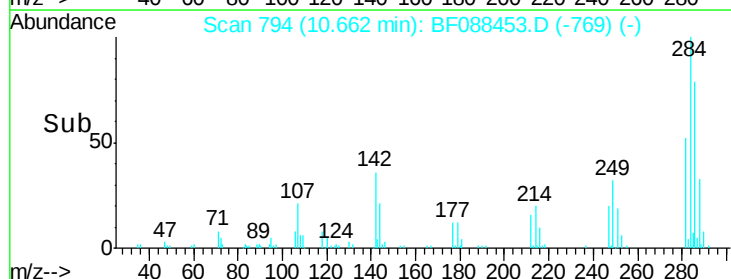
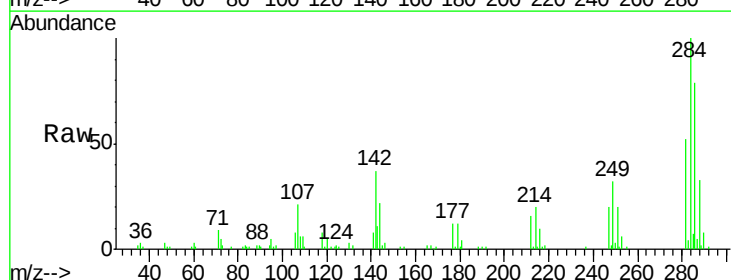
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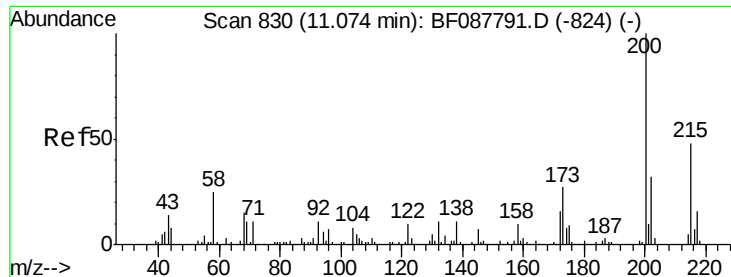
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#67
Hexachlorobenzene
Concen: 21.98 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	35.8	53.8
249	32.5	25.8	38.6





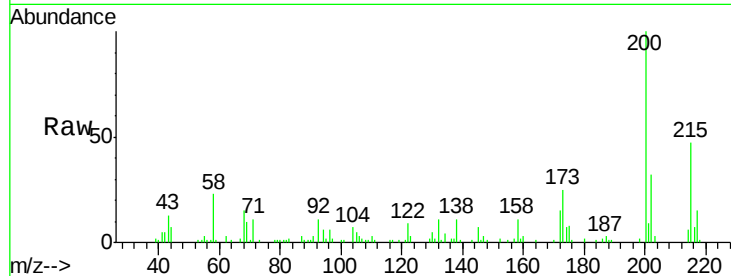
#68
Atrazine
Concen: 22.84 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

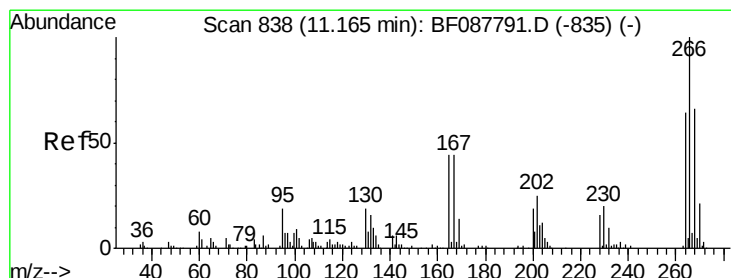
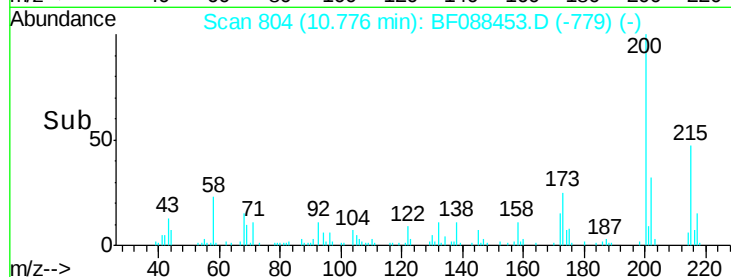
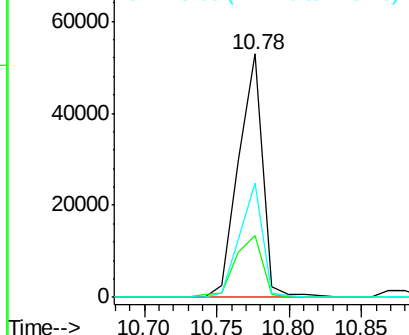
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	61161		
173	25.5	4.0	44.0	
215	47.0	29.3	69.3	

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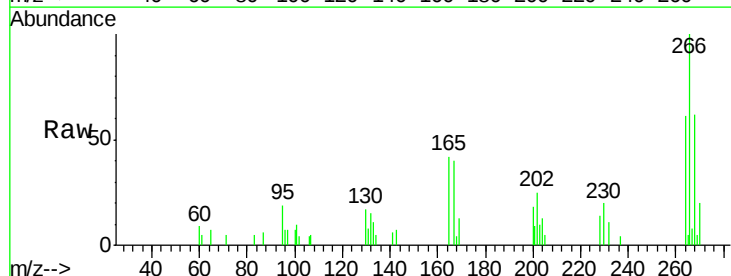


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

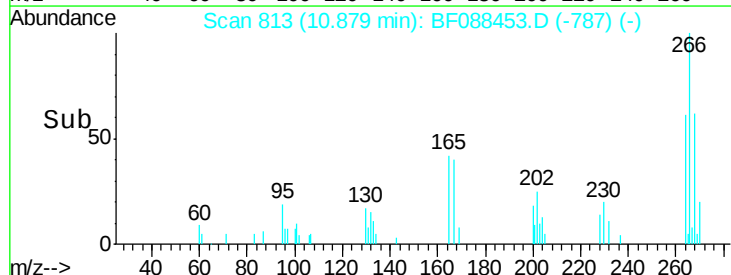
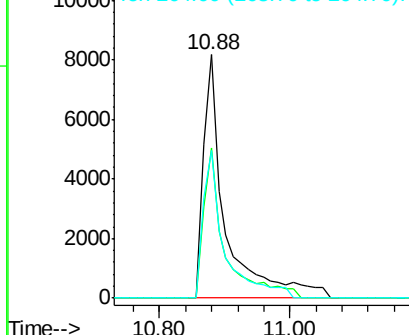


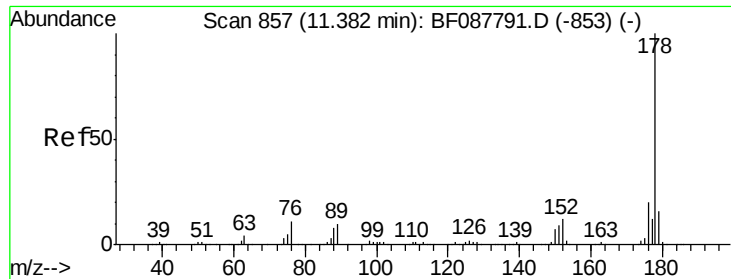
#69
Pentachlorophenol
Concen: 12.11 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	18967		
268	61.8	52.8	79.2	
264	60.7	49.6	74.4	



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





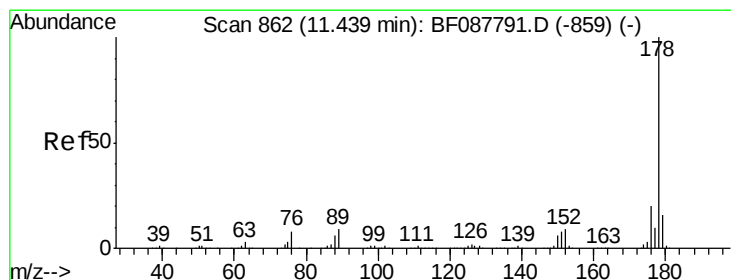
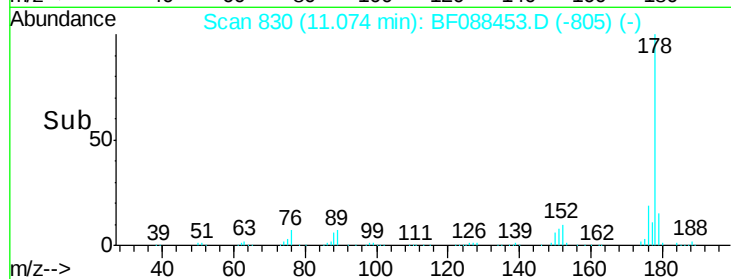
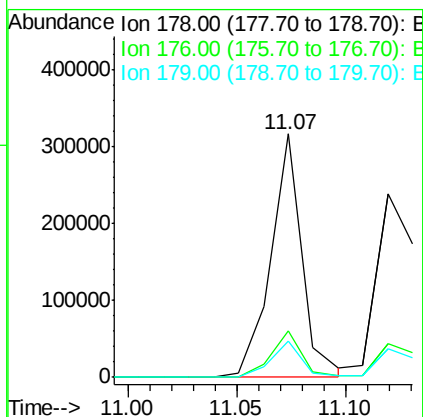
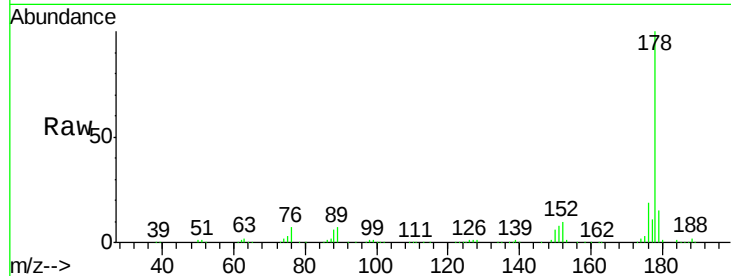
#70
Phenanthrene
Concen: 22.81 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.0	13.0	19.4

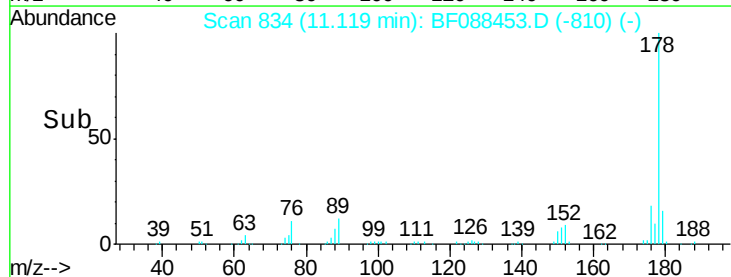
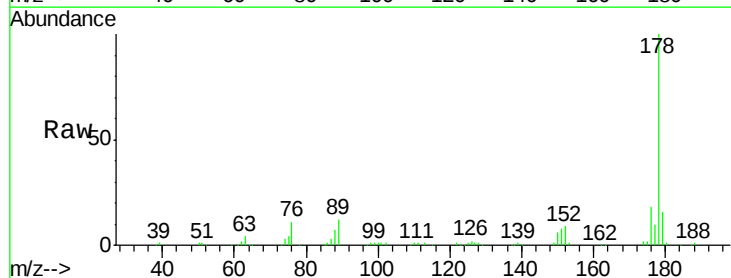
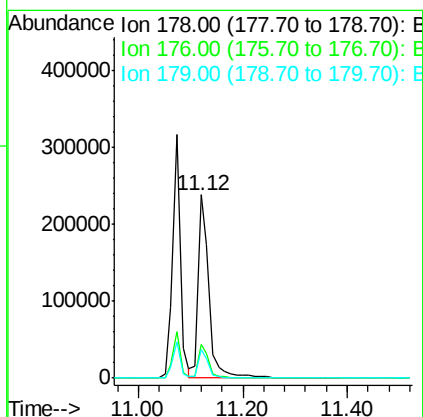
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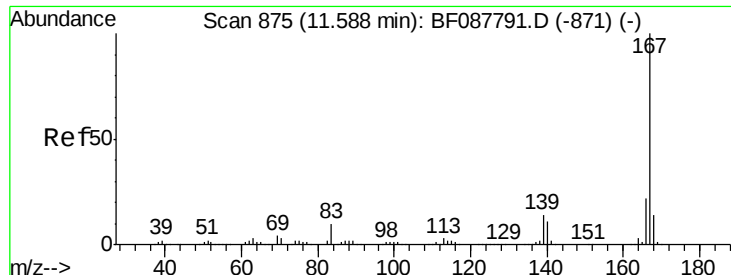
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#71
Anthracene
Concen: 24.69 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.5	12.8	19.2





#72

Carbazole

Concen: 24.74 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

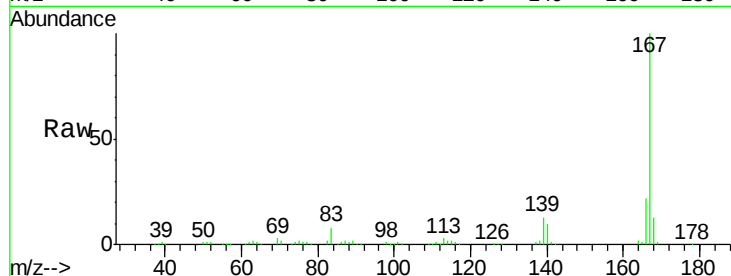
ClientSampleId :

PB91593BS

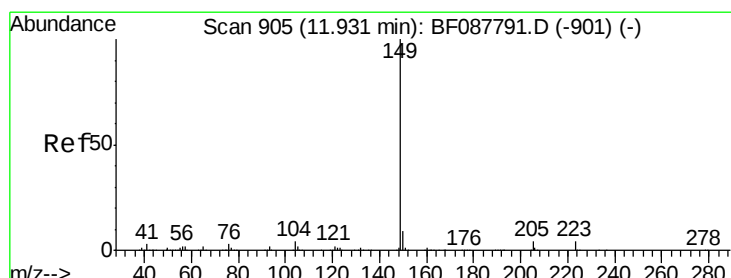
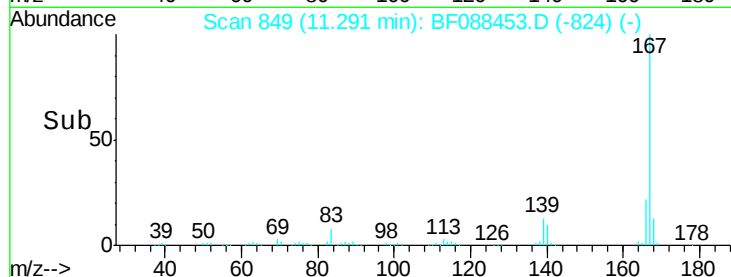
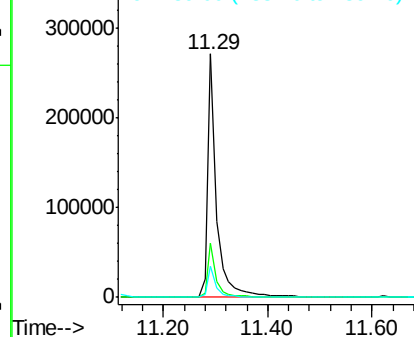
Tgt Ion:	167	Resp:	326600
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.6
139	13.0	11.2	16.8

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 22.62 ng

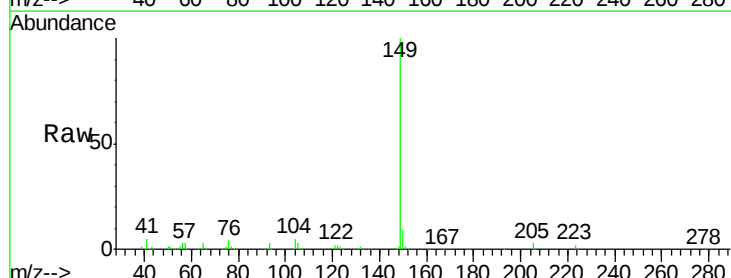
RT: 11.62 min Scan# 878

Delta R.T. -0.01 min

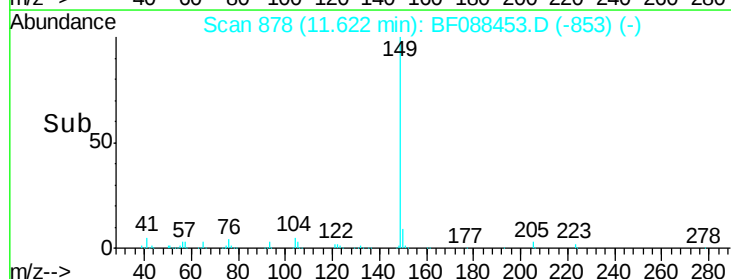
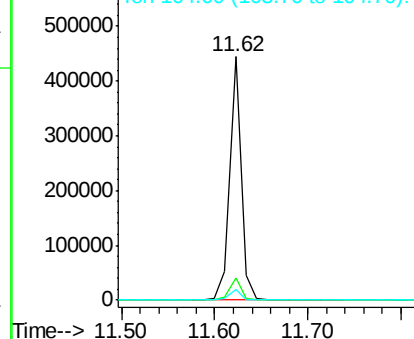
Lab File: BF088453.D

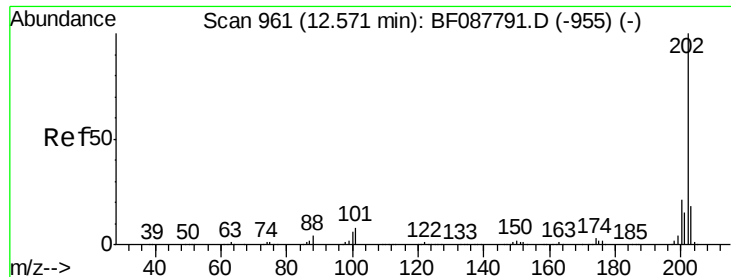
Acq: 27 Jun 2016 13:49

Tgt Ion:	149	Resp:	378036
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.6	4.0	6.0



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





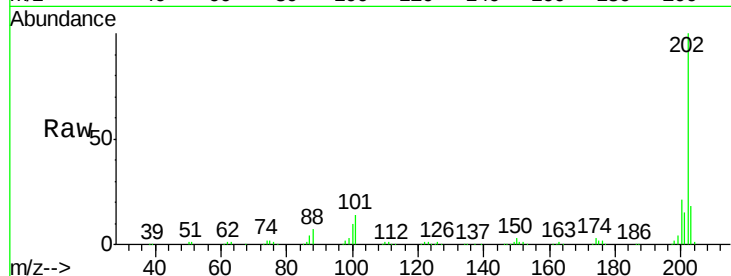
#74
Fluoranthene
 Concen: 22.64 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

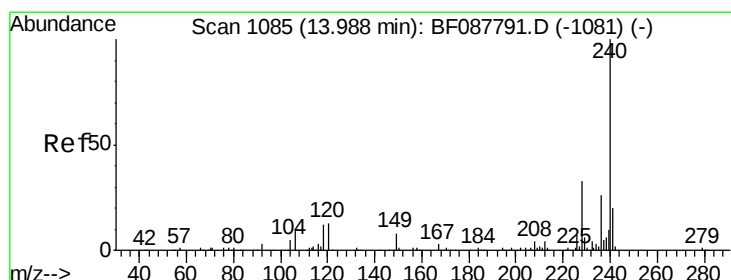
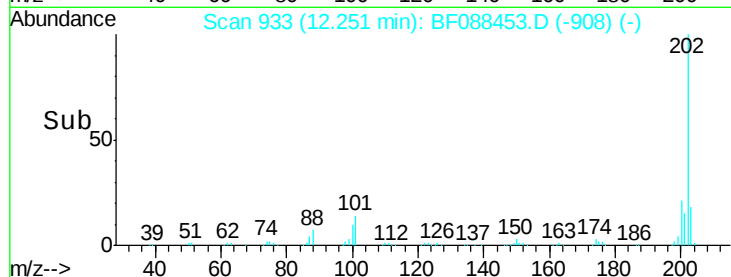
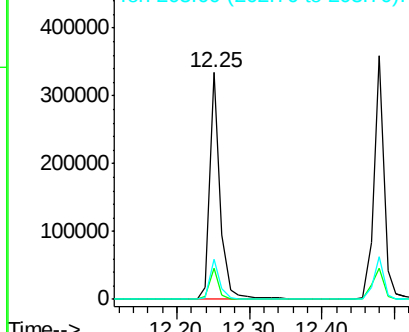
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	0.0	33.1
203	18.0	0.0	38.1

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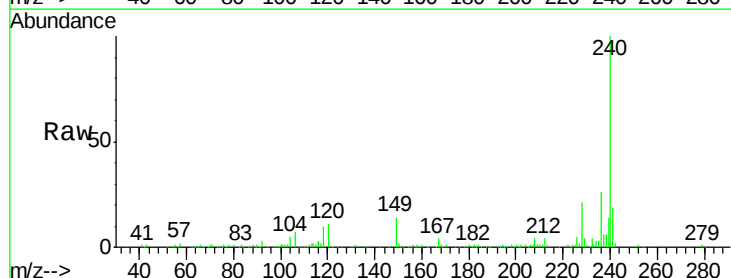


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

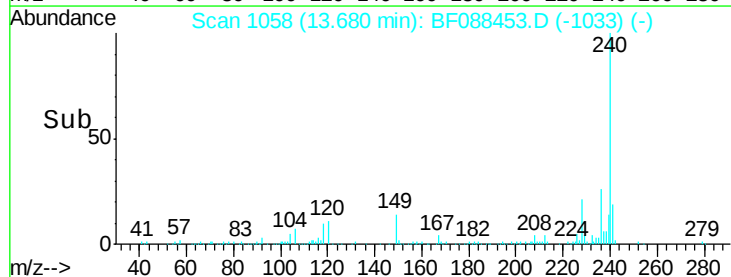
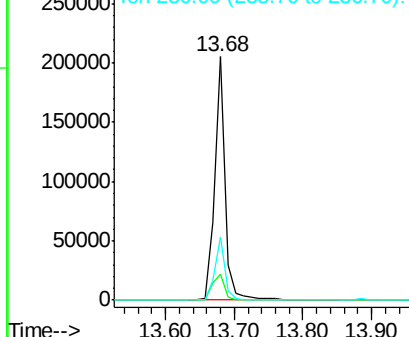


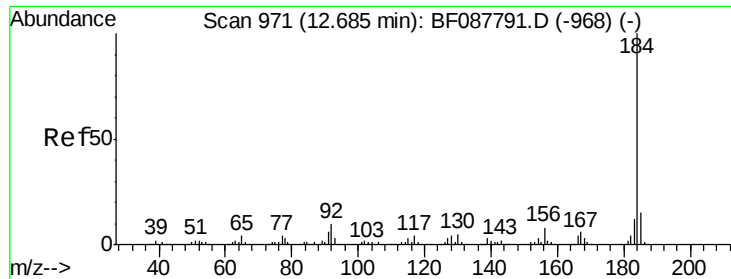
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.7	6.8	10.2#
236	26.0	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: 41.06 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

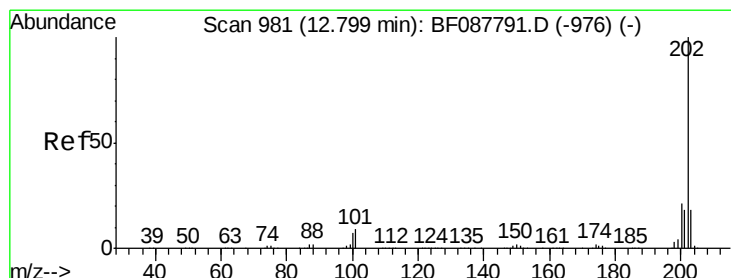
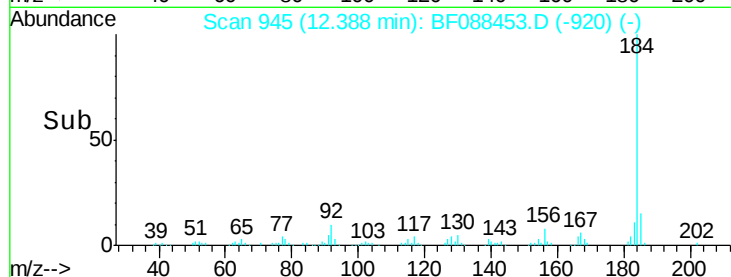
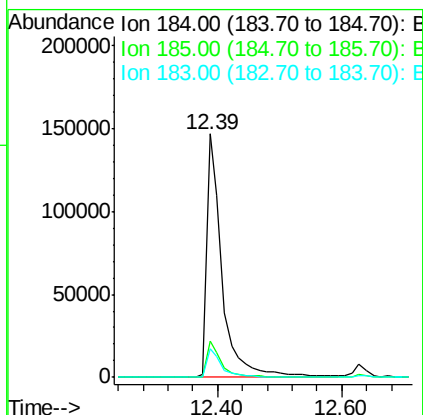
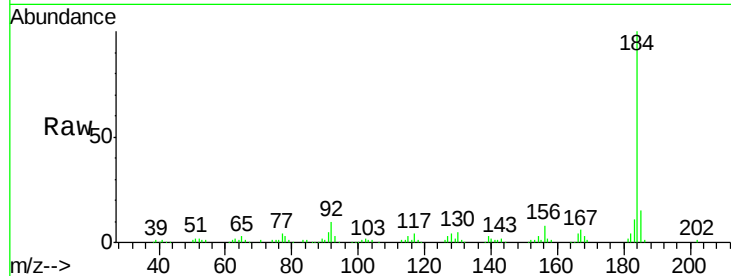
ClientSampleId :

PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	250278		
185	14.6		12.5	18.7
183	11.5		9.3	13.9

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#77

Pyrene

Concen: 21.18 ng

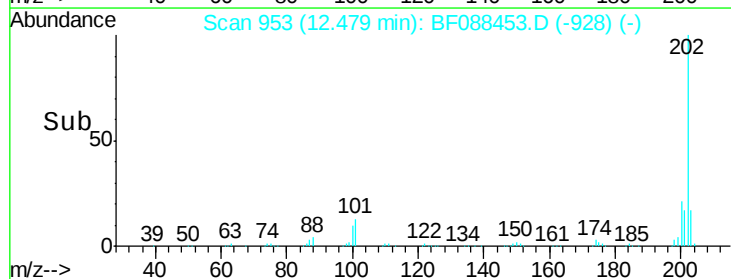
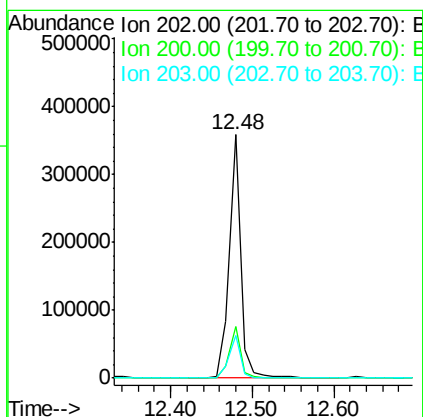
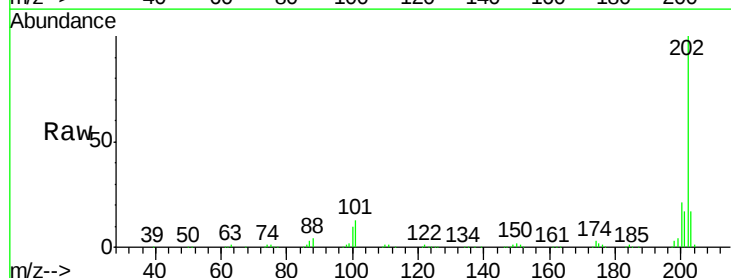
RT: 12.48 min Scan# 953

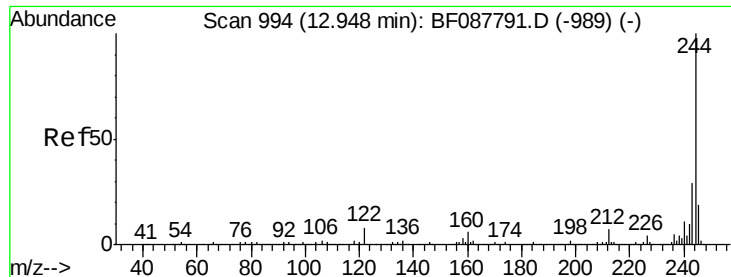
Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	345927		
200	21.0		17.4	26.2
203	17.4		14.5	21.7





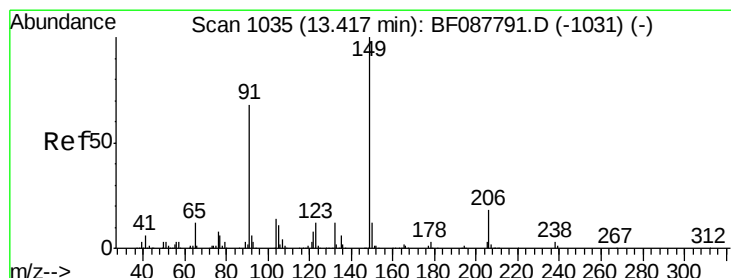
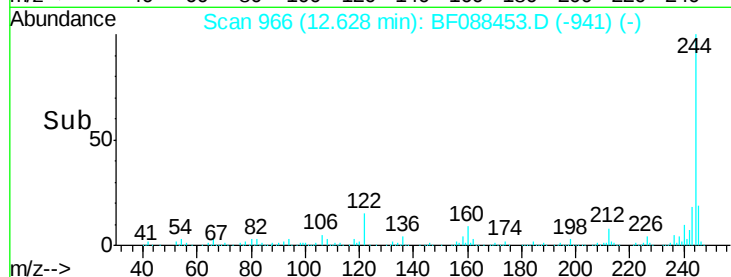
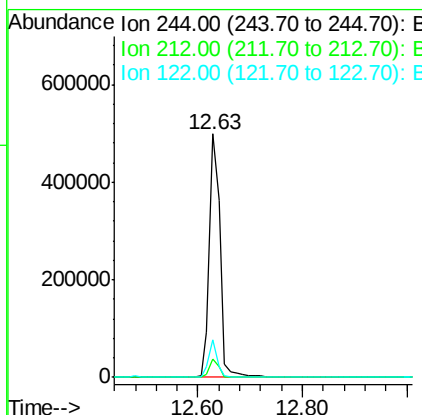
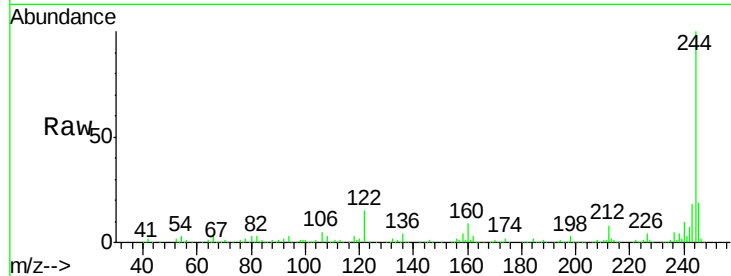
#78
 Terphenyl-d14
 Concen: 73.38 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	15.2	11.2	16.8

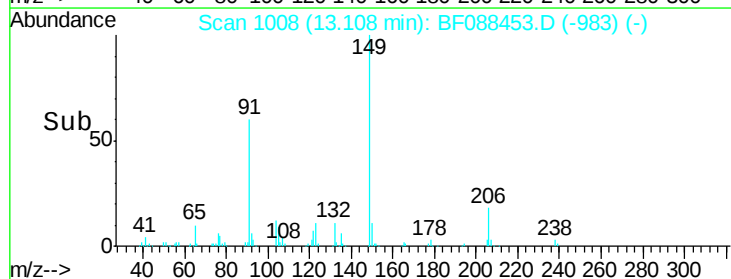
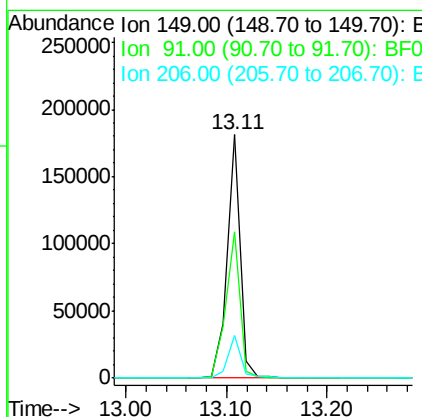
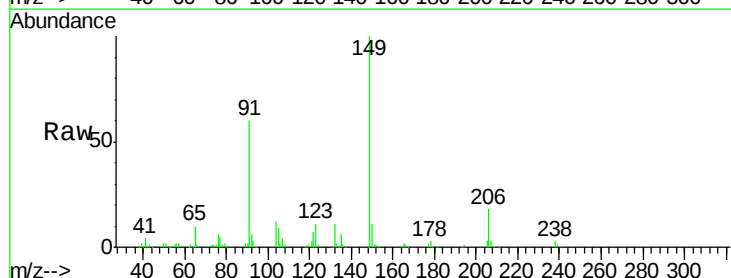
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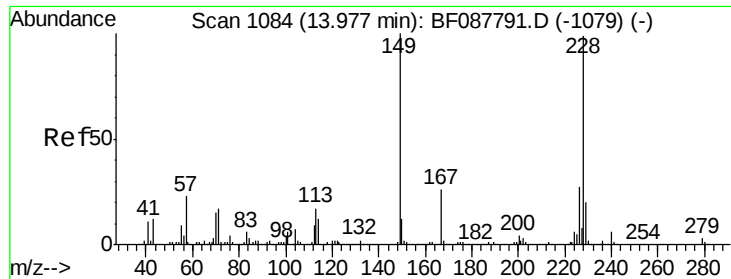
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#79
 Butylbenzylphthalate
 Concen: 22.74 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.3	48.0	72.0
206	17.7	16.0	24.0





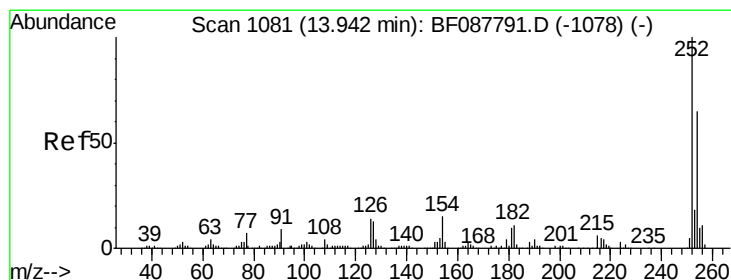
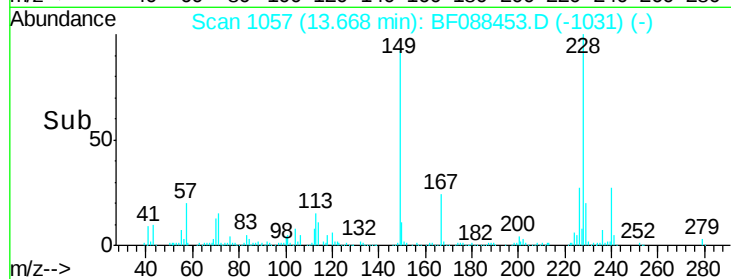
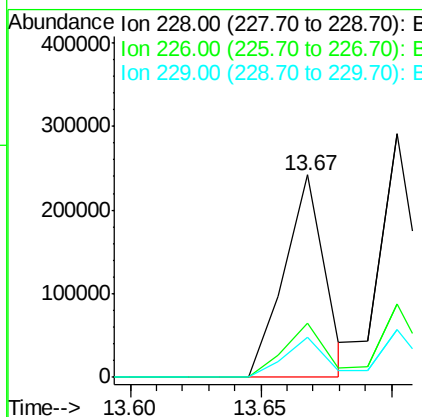
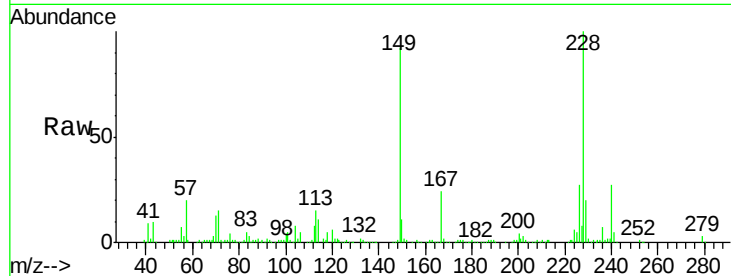
#80
Benzo(a)anthracene
Concen: 20.86 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	19.5	16.0	24.0

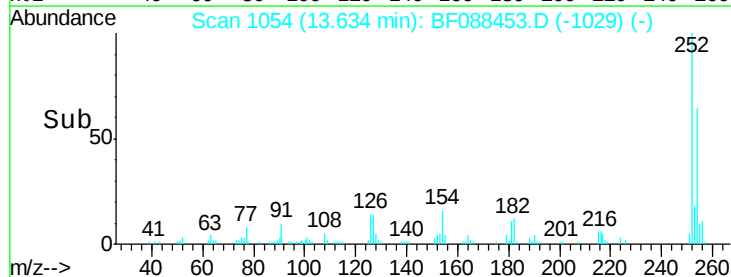
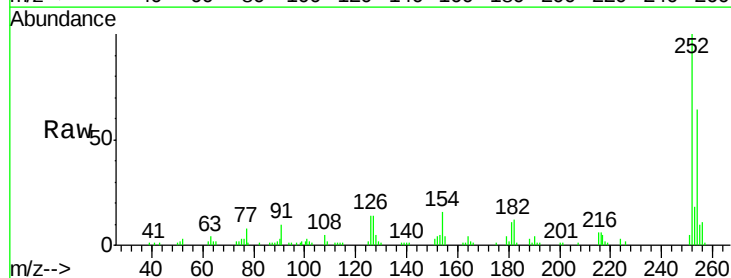
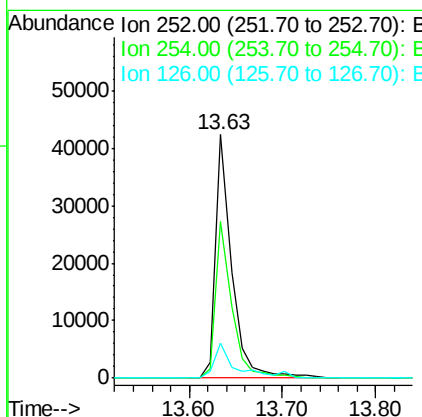
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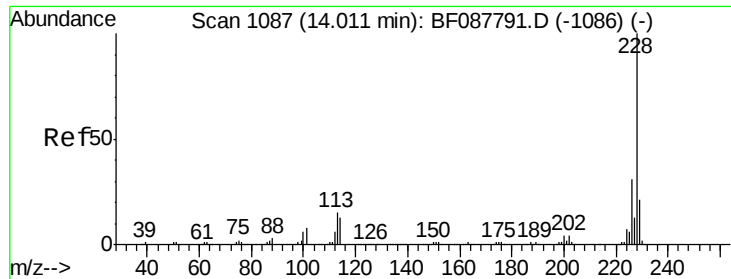
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#81
3,3'-Dichlorobenzidine
Concen: 15.14 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	14.2	6.2	9.2#





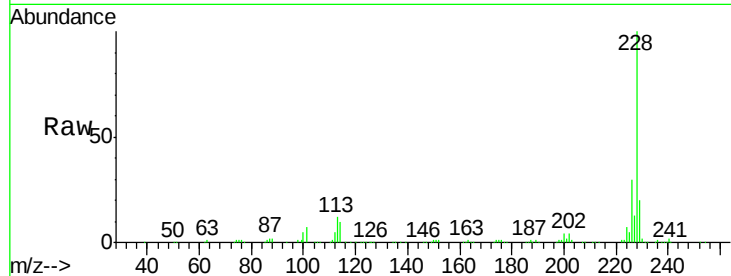
#82
Chrysene
Concen: 25.67 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	302953		
226	30.0		25.4	38.2
229	19.8		16.3	24.5

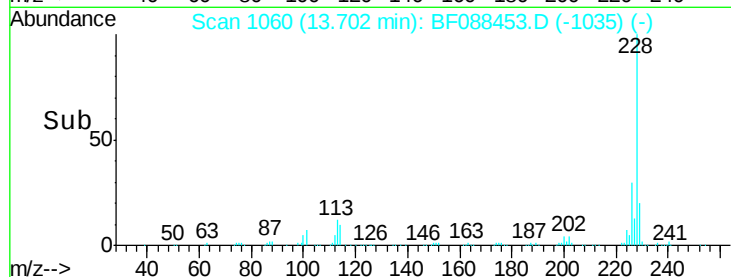
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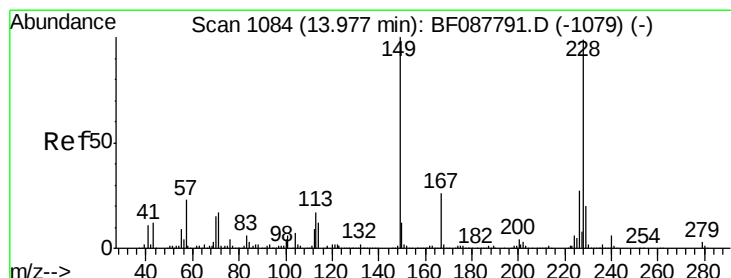


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

13.70

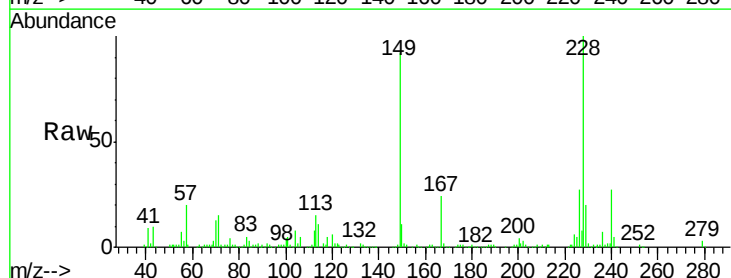


Time-->



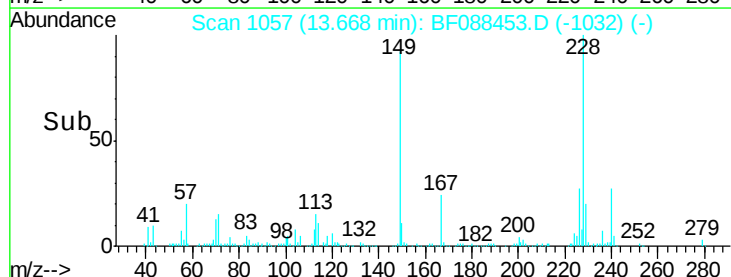
#83
Bis(2-ethylhexyl)phthalate
Concen: 22.87 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	201038		
167	25.8		20.5	30.7
279	2.8		2.0	3.0

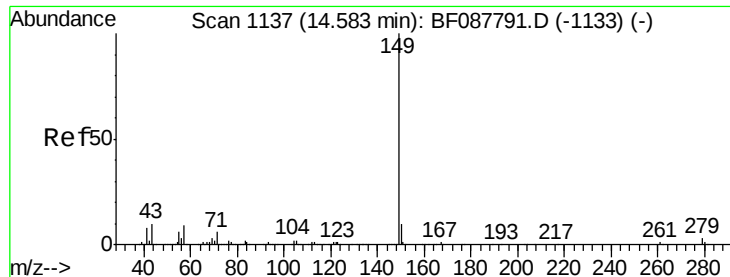


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

13.67



Time-->



#84

Di-n-octyl phthalate

Concen: 25.07 ng

RT: 14.27 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion:149 Resp: 358123
Ion Ratio Lower Upper

149 100

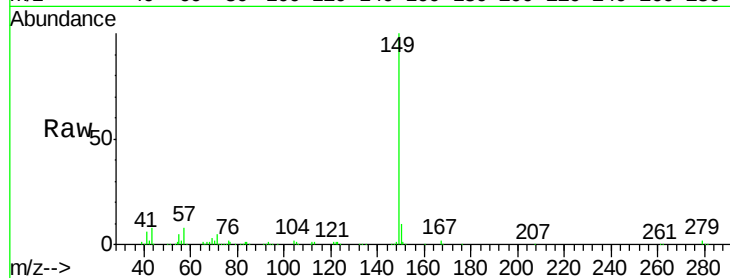
167 1.5 0.0 0.0#

43 7.6 0.0 0.0#

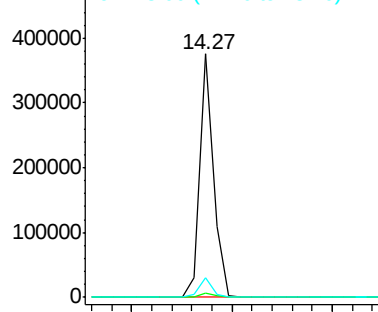
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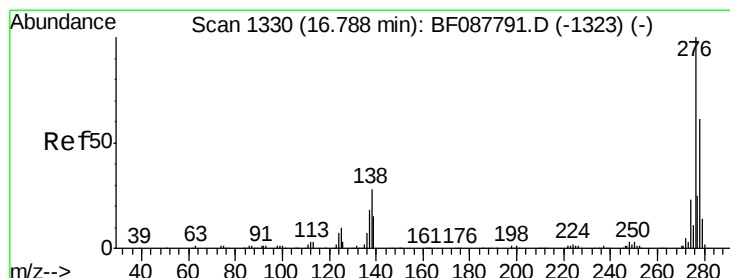
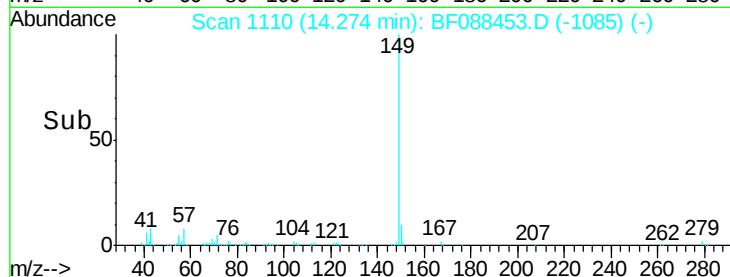
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 19.61 ng

RT: 16.25 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF088453.D

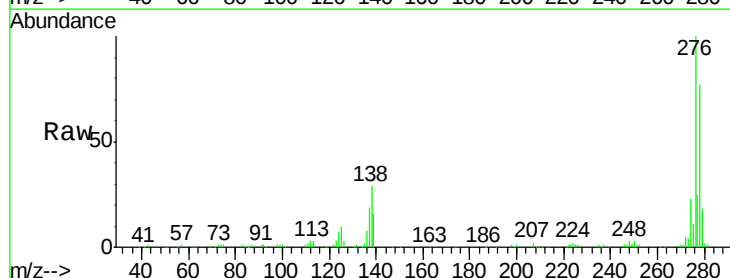
Acq: 27 Jun 2016 13:49

Tgt Ion:276 Resp: 214953
Ion Ratio Lower Upper

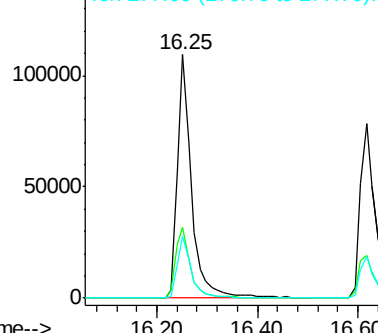
276 100

138 30.3 0.0 0.0#

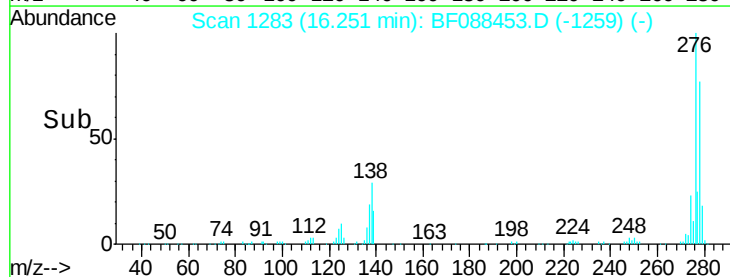
277 24.9 0.0 0.0#

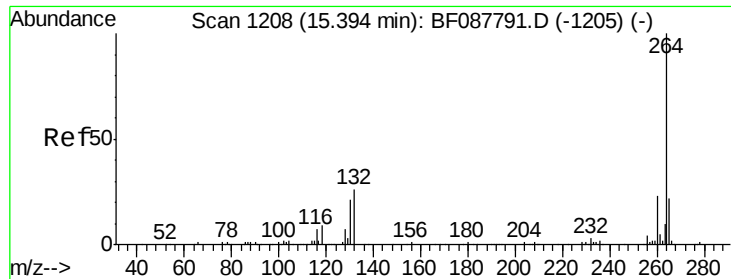


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





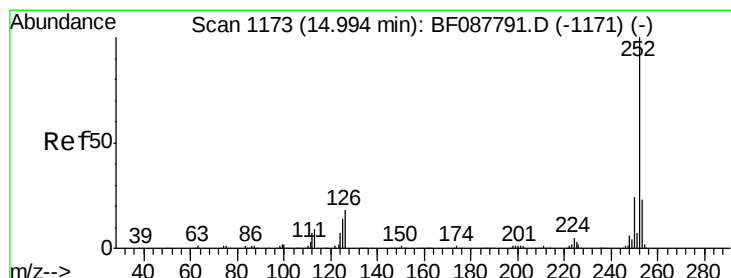
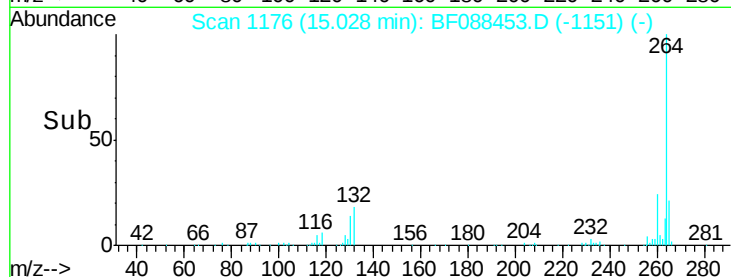
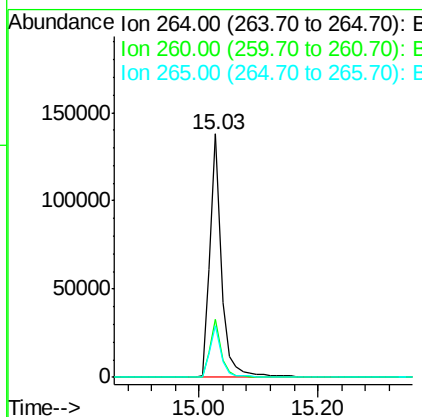
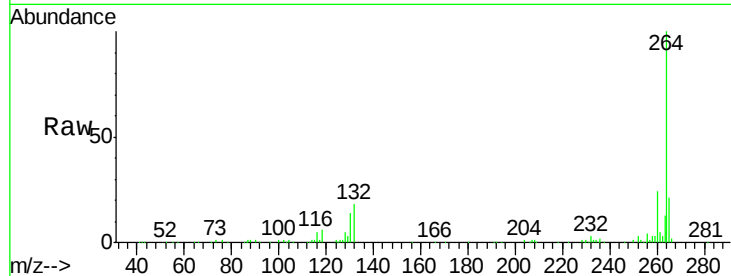
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	16.9	25.3

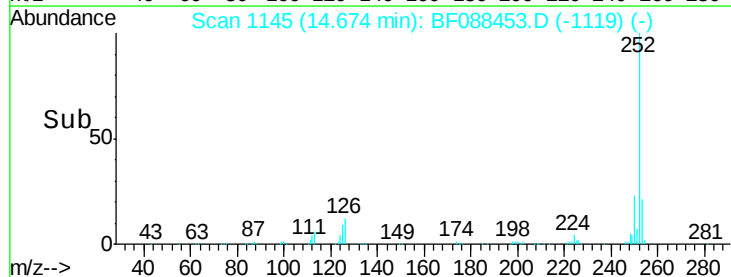
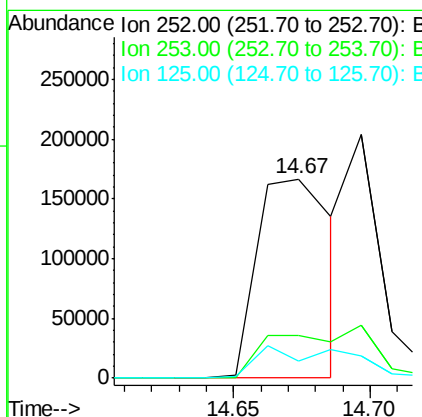
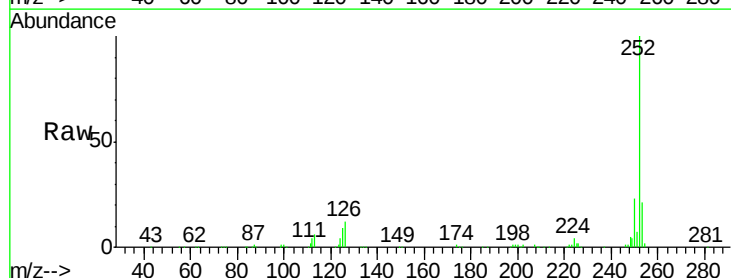
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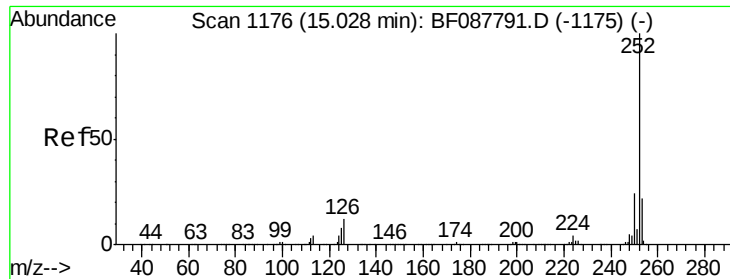
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#87
Benzo(b)fluoranthene
Concen: 24.48 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	8.7	7.1	10.7





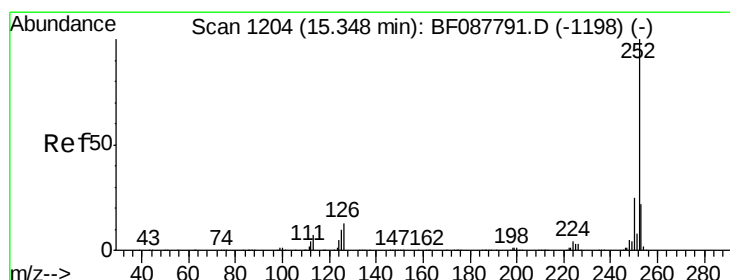
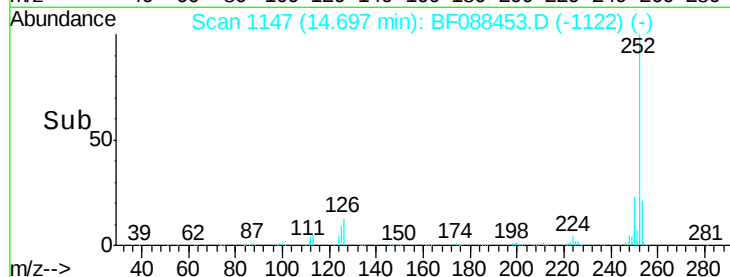
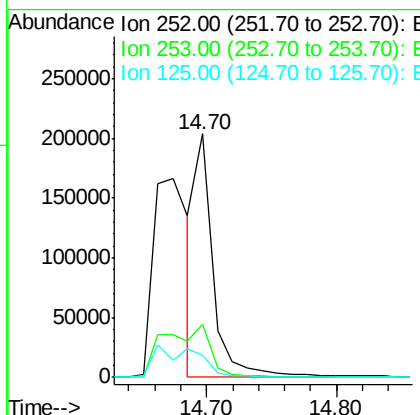
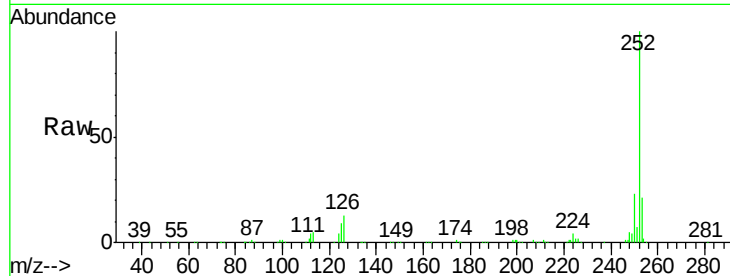
#88
Benzo(k)fluoranthene
Concen: 19.50 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	8.9	11.2	16.8

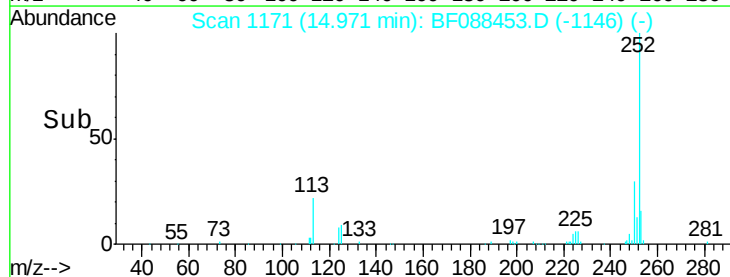
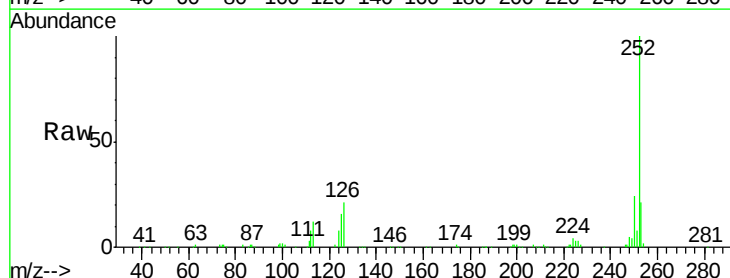
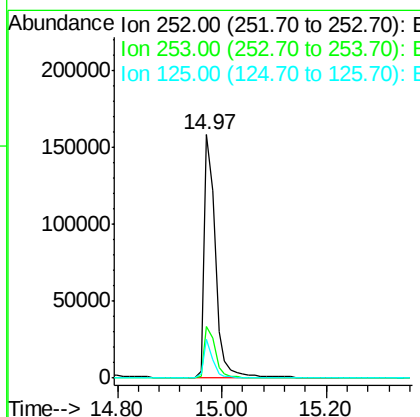
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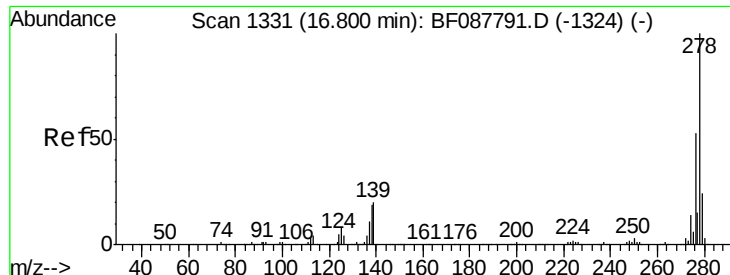
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#89
Benzo(a)pyrene
Concen: 22.75 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	16.0	12.5	18.7





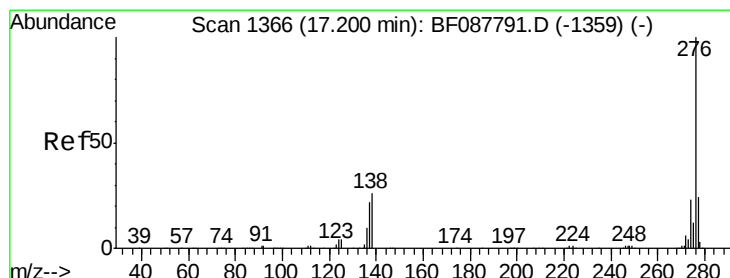
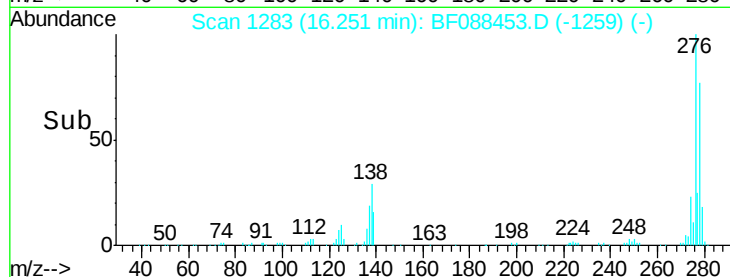
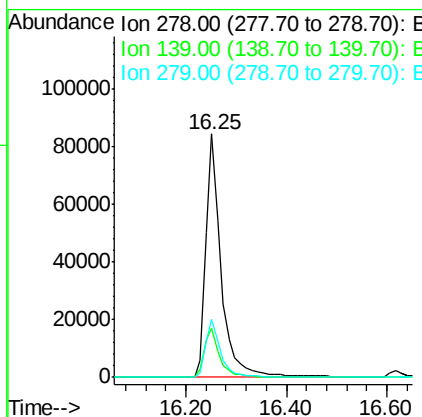
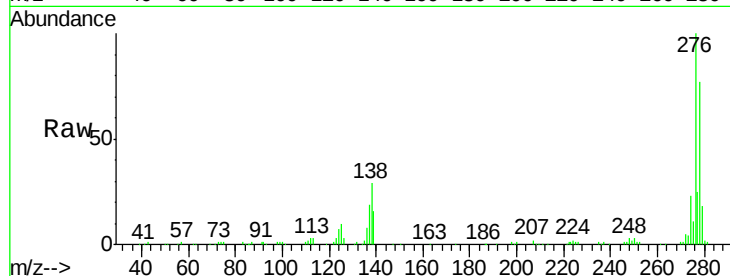
#90
Dibenzo(a,h)anthracene
Concen: 18.10 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampled :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.7	23.5
279	23.6	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 17.57 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.4	21.4	32.2

