

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088186.D
 Acq On : 20 Jun 2016 22:20
 Operator : UM/SJ
 Sample : PB91400BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Manual Integrations
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 6/21/2016 4:23:07 PM

Quant Time: Jun 21 01:37:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	90433	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	379176	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	183477	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	350019	20.00	ng	0.00
75) Chrysene-d12	13.81	240	263752	20.00	ng	0.00
86) Perylene-d12	15.18	264	228316	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	380552	71.94	ng	0.01
7) Phenol-d6	6.32	99	468666	73.10	ng	-0.01
23) Nitrobenzene-d5	7.24	82	432645	66.63	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	116187	59.97	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	856192	72.49	ng	-0.01
78) Terphenyl-d14	12.76	244	819709	70.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	76211	29.65	ng	# 42
3) Pyridine	2.87	79	195124	32.15	ng	90
4) n-Nitrosodimethylamine	2.82	42	80841	31.45	ng	82
6) Aniline	6.33	93	153263	16.80	ng	# 39
8) 2-Chlorophenol	6.46	128	242060	38.66	ng	89
10) Phenol	6.34	94	262562	39.35	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	211427	37.61	ng	88
12) 1,3-Dichlorobenzene	6.60	146	240188	35.75	ng	97
13) 1,4-Dichlorobenzene	6.68	146	250287	36.98	ng	99
14) 1,2-Dichlorobenzene	6.83	146	215212m	34.97	ng	
15) Benzyl Alcohol	6.82	79	154666	30.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	241921	31.85	ng	74
17) 2-Methylphenol	6.95	107	191114	37.64	ng	97
18) Hexachloroethane	7.18	117	89215	37.15	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	156486	38.16	ng	# 83
20) 3+4-Methylphenols	7.11	107	254911	43.03	ng	# 74
22) Acetophenone	7.08	105	306027	36.12	ng	# 98
24) Nitrobenzene	7.26	77	223771	35.58	ng	92
25) Isophorone	7.50	82	419634	34.89	ng	100
26) 2-Nitrophenol	7.58	139	131991	39.17	ng	# 85
27) 2,4-Dimethylphenol	7.62	122	208500	33.61	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	270056	36.20	ng	# 97
29) 2,4-Dichlorophenol	7.83	162	202959	39.18	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	199523	35.38	ng	98
31) Naphthalene	7.98	128	691230	36.84	ng	99
32) Benzoic acid	7.77	122	78056	22.85	ng	95
33) 4-Chloroaniline	8.03	127	113703	13.57	ng	95
34) Hexachlorobutadiene	8.09	225	102632	34.50	ng	98
35) Caprolactam	8.41	113	66880m	38.98	ng	
36) 4-Chloro-3-methylphenol	8.54	107	218251	39.40	ng	97
37) 2-Methylnaphthalene	8.66	142	446874	36.13	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	188018	37.14	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	105224	35.55	ng	98
42) 2,4,6-Trichlorophenol	8.96	196	120071	32.72	ng	100

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Quant Time: Jun 21 01:37:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	129677	33.97	nq	98
45) 1,1'-Biphenyl	9.13	154	547392	38.91	nq	98
46) 2-Chloronaphthalene	9.15	162	432037	36.39	nq	98
47) 2-Nitroaniline	9.26	65	118494	33.83	nq	90
48) Acenaphthylene	9.56	152	638886	33.83	nq	100
49) Dimethylphthalate	9.44	163	506277	38.09	nq	100
50) 2,6-Dinitrotoluene	9.51	165	113938	37.43	nq	# 79
51) Acenaphthene	9.74	154	399782	33.93	nq	100
52) 3-Nitroaniline	9.67	138	71415	20.33	nq	92
53) 2,4-Dinitrophenol	9.78	184	68752	46.71	nq	98
54) Dibenzofuran	9.91	168	537780	33.15	nq	# 90
55) 4-Nitrophenol	9.86	139	123518	45.31	nq	# 73
56) 2,4-Dinitrotoluene	9.91	165	147526	37.71	nq	# 67
57) Fluorene	10.25	166	460805	41.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	107864	35.96	nq	# 56
59) Diethylphthalate	10.14	149	539119	40.07	nq	100
60) 4-Chlorophenyl-phenylether	10.24	204	185550	34.39	nq	91
61) 4-Nitroaniline	10.28	138	127590	38.30	nq	98
62) Azobenzene	10.40	77	481935	36.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	61566	29.07	nq	# 59
65) n-Nitrosodiphenylamine	10.36	169	414728	35.71	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	135876	36.18	nq	93
67) Hexachlorobenzene	10.80	284	135794	34.80	nq	# 71
68) Atrazine	10.90	200	135522	38.53	nq	98
69) Pentachlorophenol	10.99	266	90451	43.98	nq	98
70) Phenanthrene	11.20	178	672482	36.61	nq	100
71) Anthracene	11.26	178	670111	36.17	nq	100
72) Carbazole	11.42	167	650150	37.50	nq	100
73) Di-n-butylphthalate	11.75	149	781071	35.59	nq	100
74) Fluoranthene	12.39	202	719620	37.13	nq	97
76) Benzidine	12.51	184	245462	33.61	nq	98
77) Pyrene	12.62	202	726723	37.13	nq	99
79) Butylbenzylphthalate	13.23	149	332374	38.41	nq	# 84
80) Benzo(a)anthracene	13.79	228	530620	35.30	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	112228	27.77	nq	# 96
82) Chrysene	13.84	228	595487	42.11	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	412442	39.16	nq	99
84) Di-n-octyl phthalate	14.40	149	808965	47.26	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	467537	35.59	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	681762m	42.84	nq	
88) Benzo(k)fluoranthene	14.83	252	368038m	30.66	nq	
89) Benzo(a)pyrene	15.13	252	496547	38.57	nq	# 95
90) Dibenzo(a,h)anthracene	16.48	278	393557	32.91	nq	96
91) Benzo(g,h,i)perylene	16.85	276	407251	33.11	nq	97

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

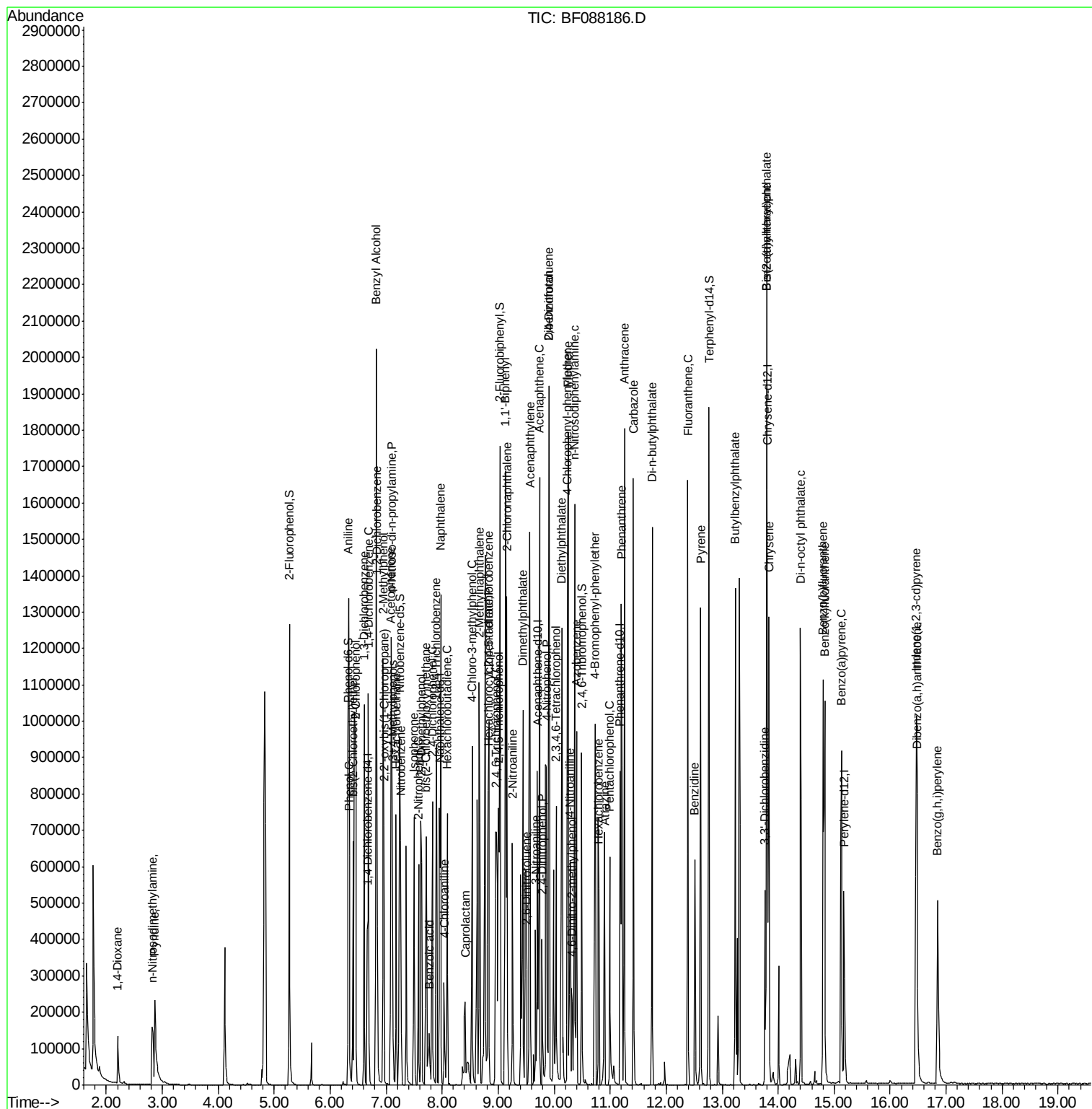
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Sample    : PB91400BS  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
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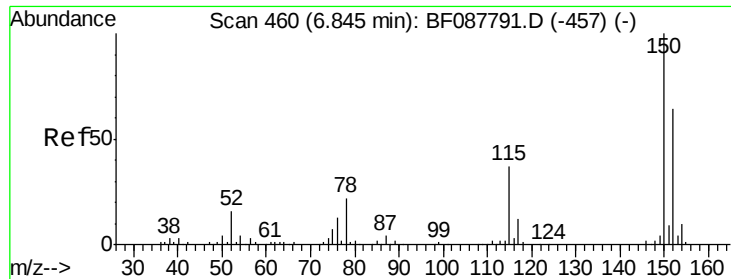
Instrument :
BNA_F
ClientSampleId :
PB91400BS

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#1

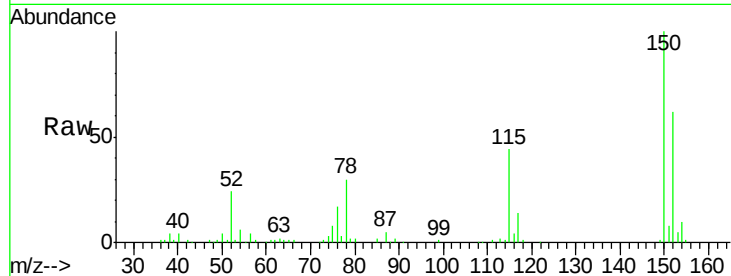
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

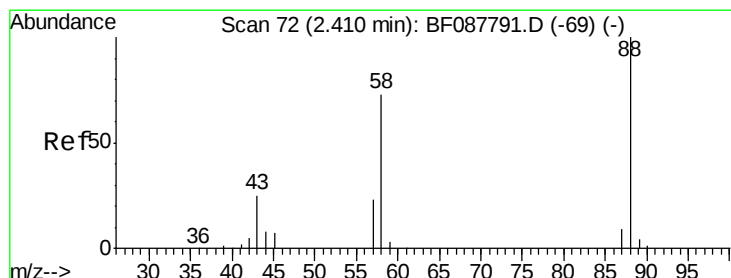
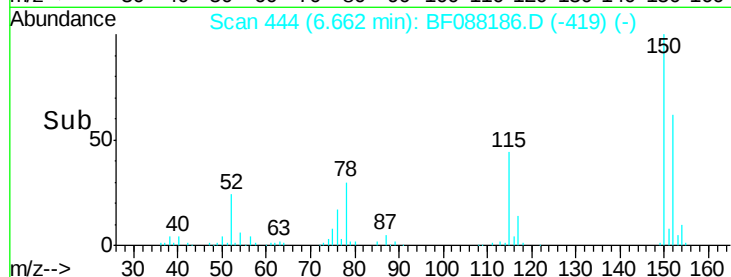
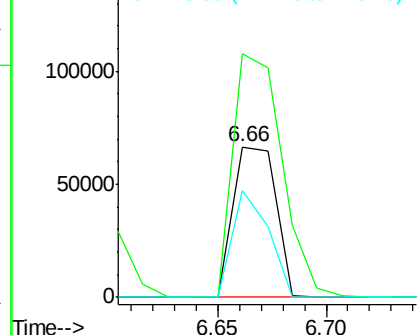
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	123.8	185.6
115	70.6	39.6	59.4

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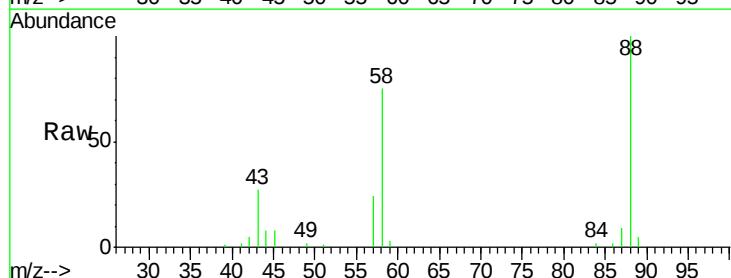
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



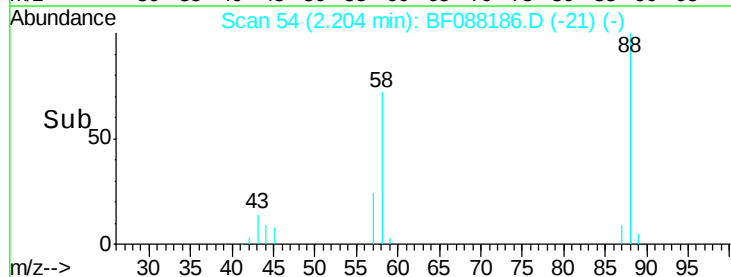
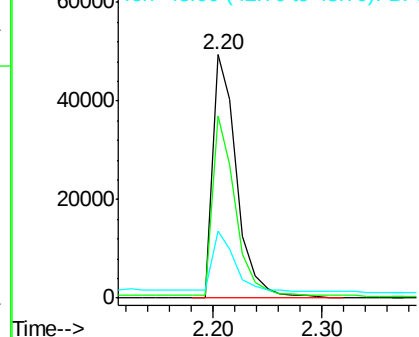
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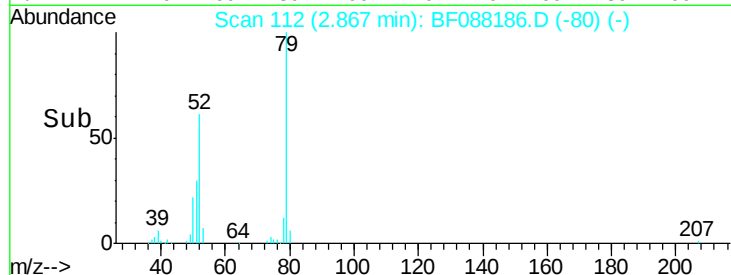
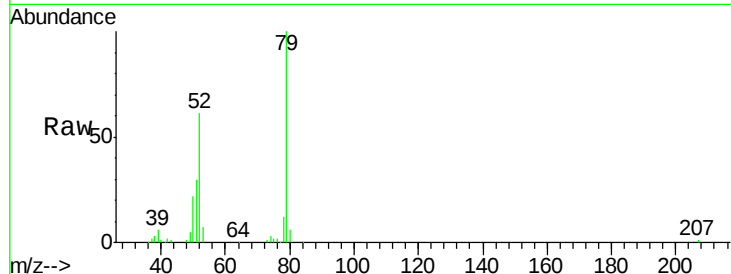
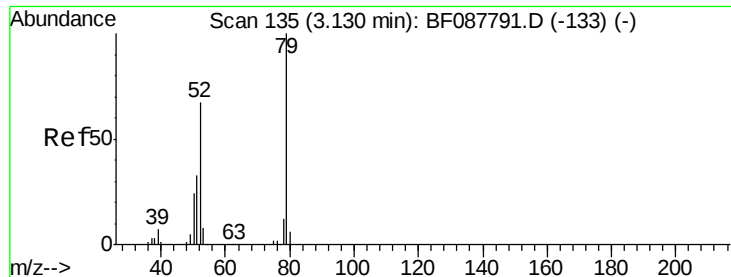
1,4-Dioxane
Concen: 29.65 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.08 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	0.0	0.0
43	23.5	3.4	5.2



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





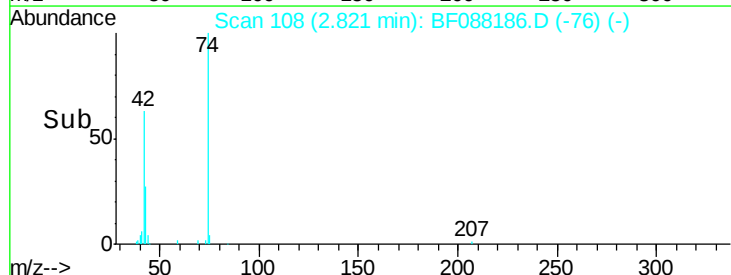
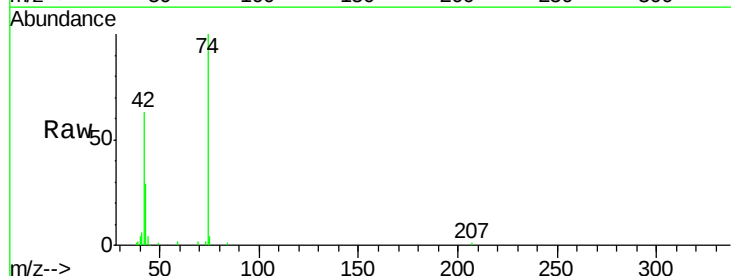
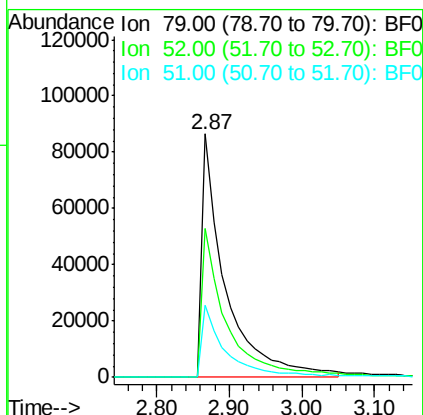
#3
Pvridine
Concen: 32.15 ng
RT: 2.87 min Scan# 112
Delta R.T. 0.07 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tot Ion:	79	Resp:	195124
Ion Ratio	Lower	Upper	
79	100		
52	61.3	56.3	84.5
51	29.7	27.4	41.2

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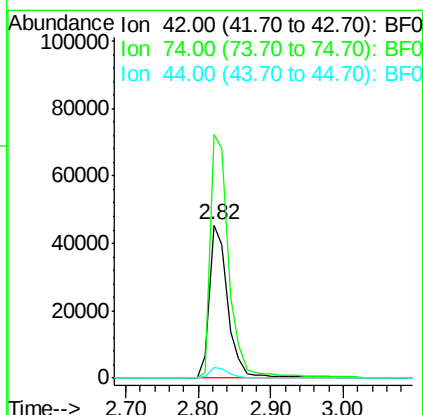
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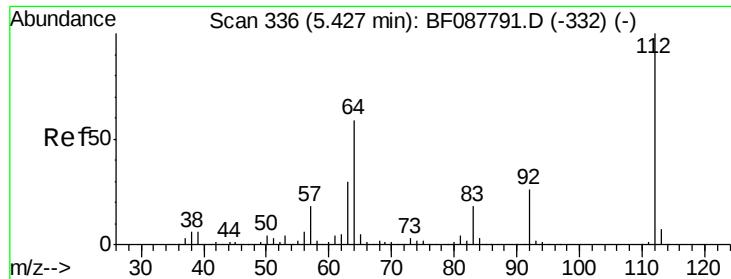
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#4
n-Nitrosodimethylamine
Concen: 31.45 ng
RT: 2.82 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion:	42	Resp:	80841
Ion Ratio	Lower	Upper	
42	100		
74	158.9	108.6	163.0
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 71.94 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

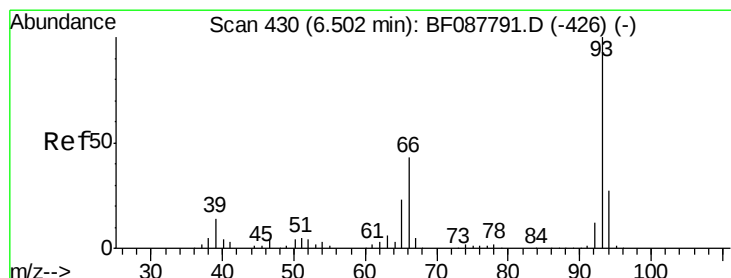
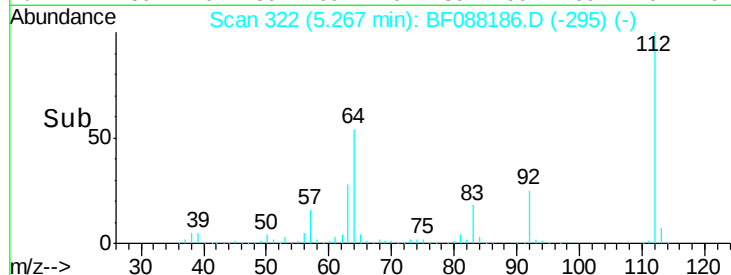
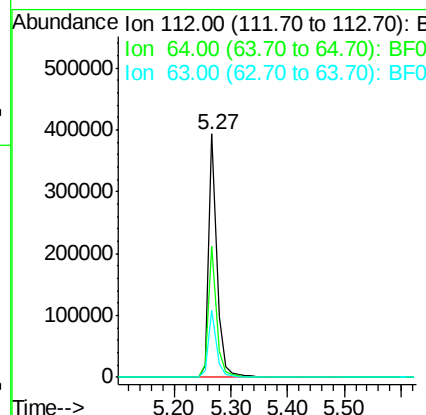
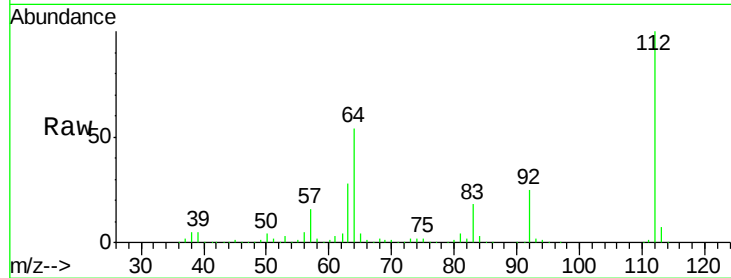
ClientSampled :

PB91400BS

Tot Ion:	112	Resp:	380552
Ion Ratio	Lower	Upper	
112	100		
64	53.7	42.2	63.2
63	27.6	21.8	32.8

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#6

Aniline

Concen: 16.80 ng

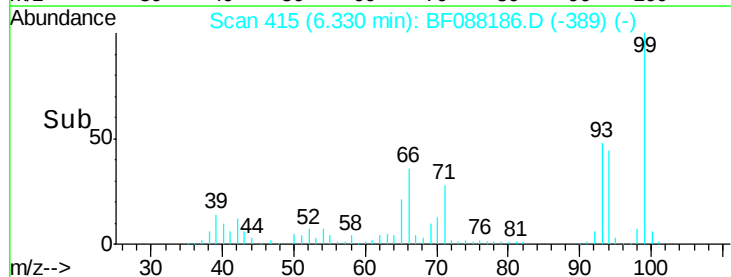
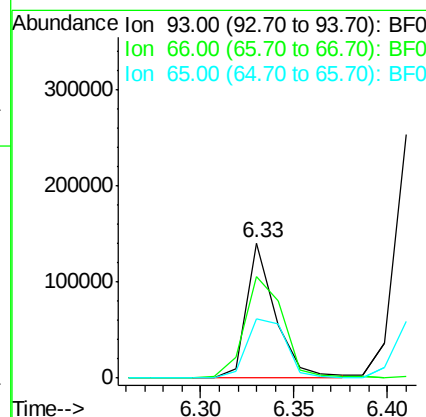
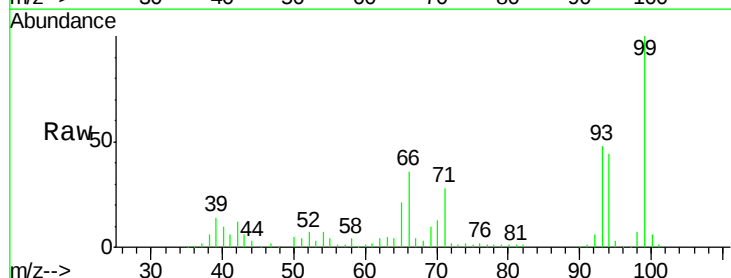
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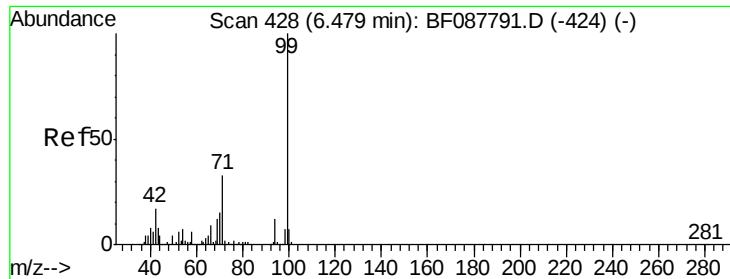
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	93	Resp:	153263
Ion Ratio	Lower	Upper	
93	100		
66	75.4	29.8	44.8#
65	43.5	14.9	22.3#





#7

Phenol-d6

Concen: 73.10 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

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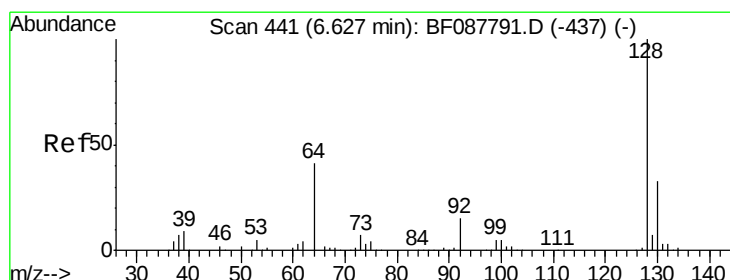
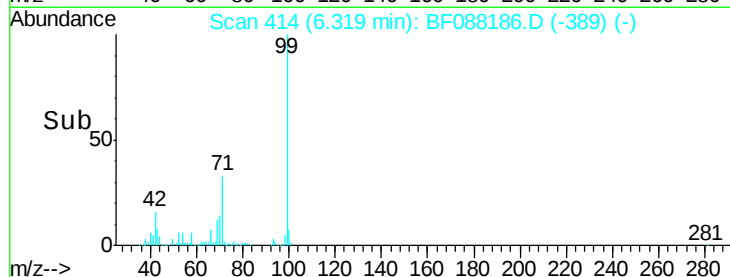
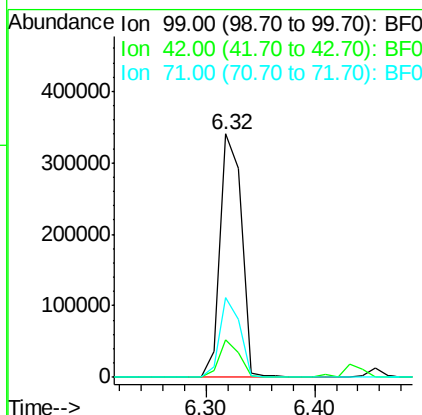
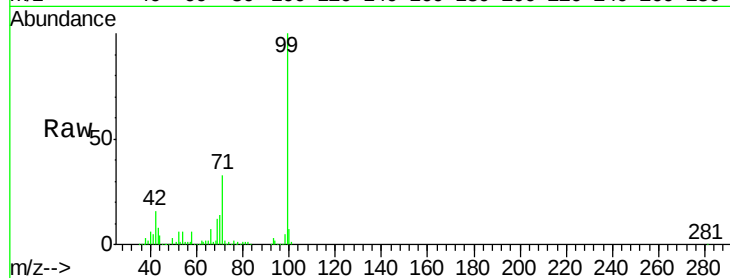
ClientSampleId :

PB91400BS

Tot Ion:	99	Resp:	468666
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.2	18.2
71	32.7	23.4	35.0

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#8

2-Chlorophenol

Concen: 38.66 ng

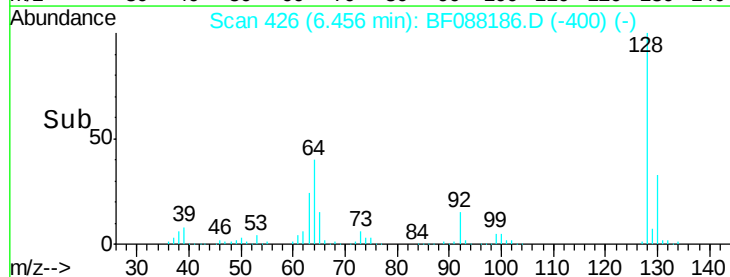
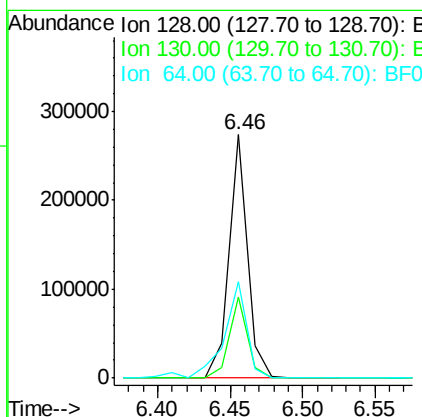
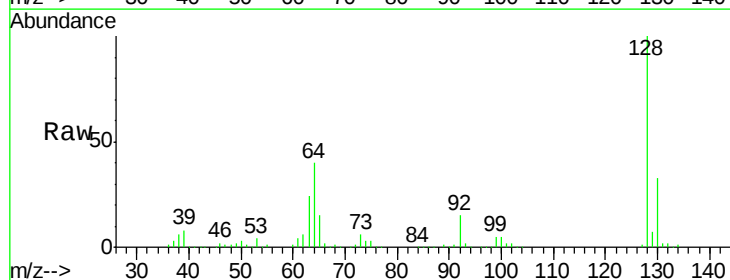
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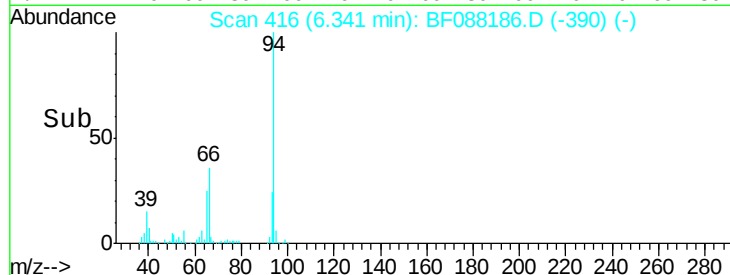
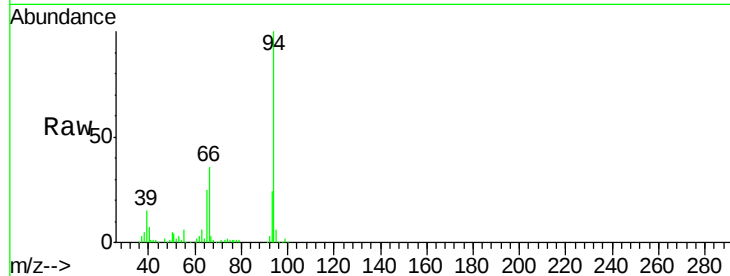
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	128	Resp:	242060
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	39.6	30.8	70.8





#10

Phenol

Concen: 39.35 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tot Ion:	94	Resp:	262562
Ion Ratio	Lower	Upper	
94	100		
65	25.2	5.9	45.9
66	35.9	14.0	54.0

Instrument :

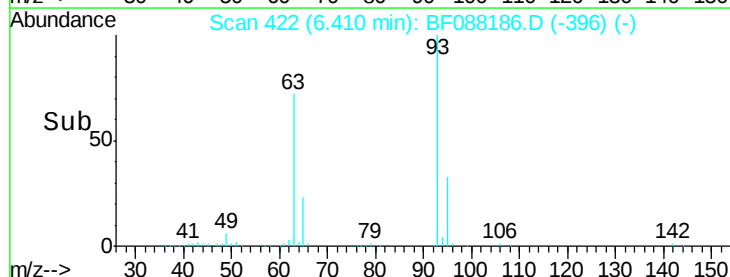
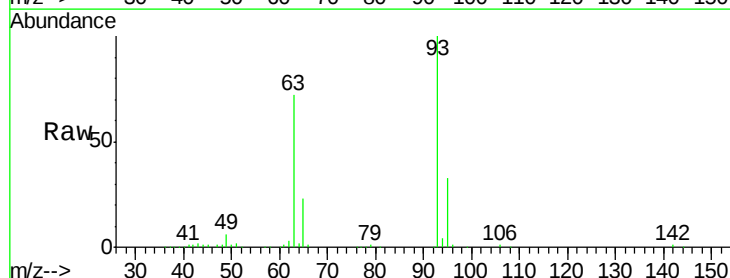
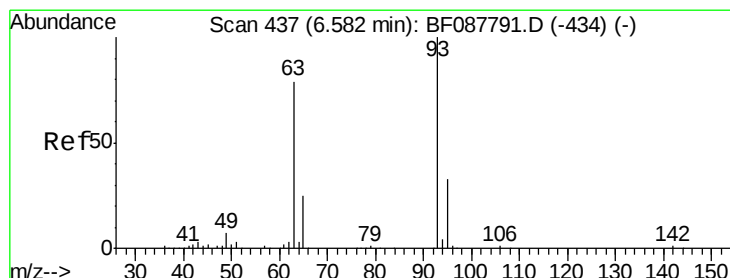
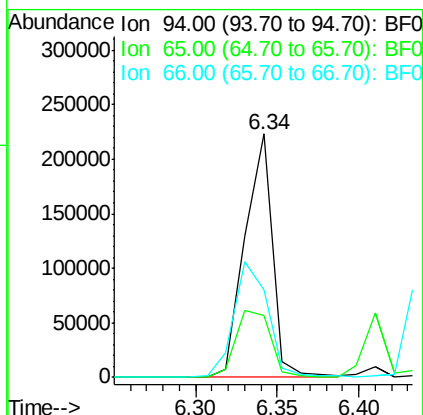
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ClientSampleId :

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#11

bis(2-Chloroethyl)ether

Concen: 37.61 ng

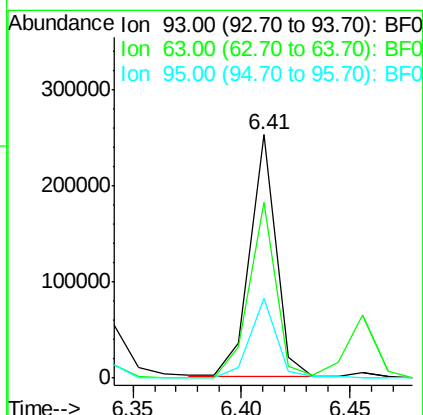
RT: 6.41 min Scan# 422

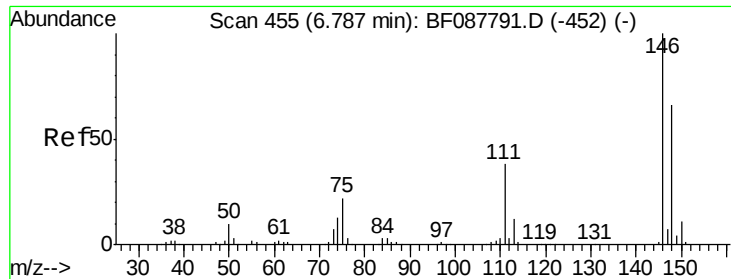
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	93	Resp:	211427
Ion Ratio	Lower	Upper	
93	100		
63	72.0	67.6	107.6
95	32.8	12.5	52.5





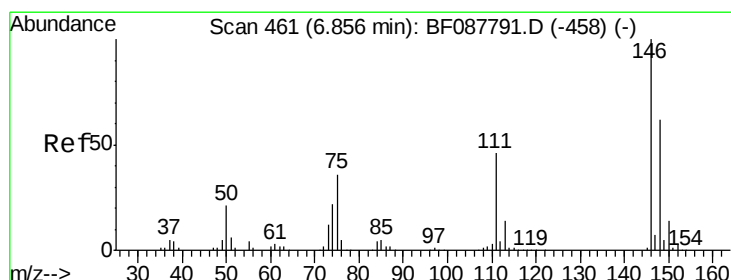
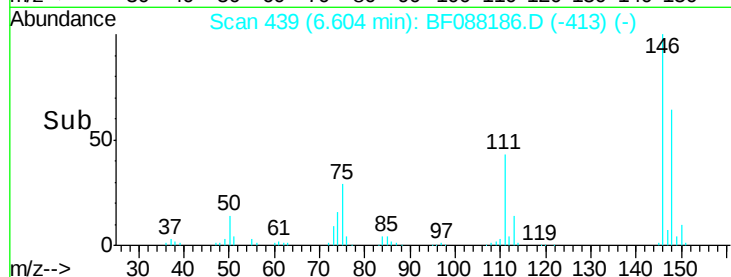
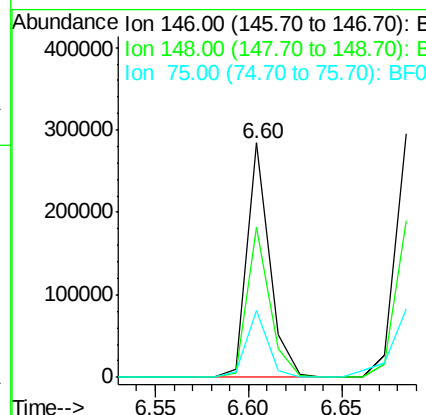
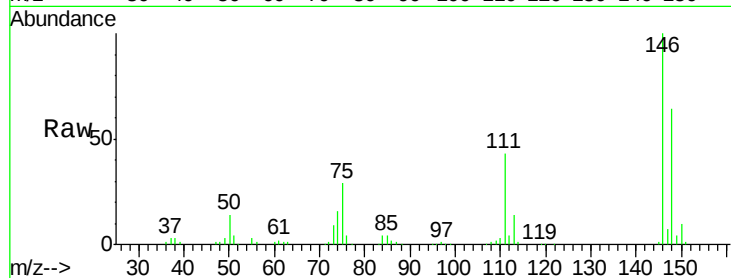
#12
 1,3-Dichlorobenzene
 Concen: 35.75 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	28.5	25.6	38.4

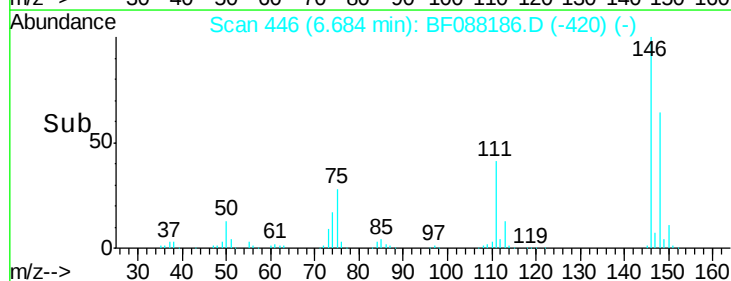
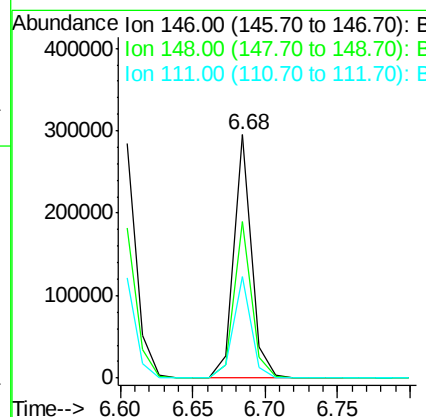
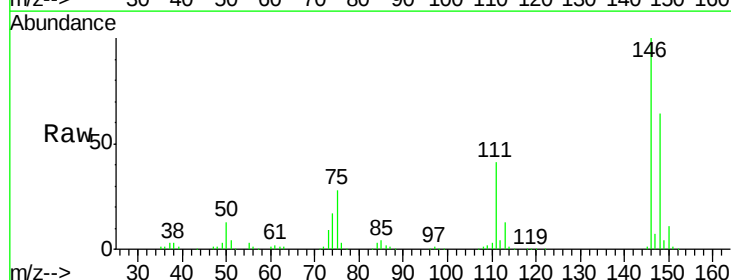
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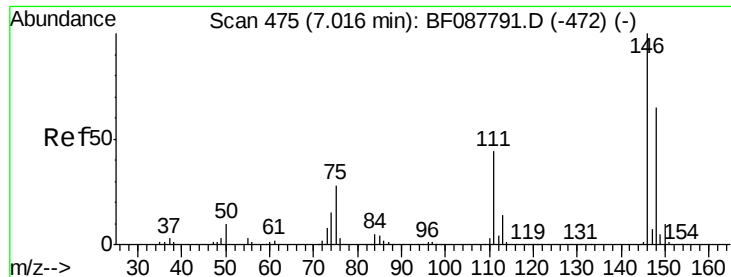
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#13
 1,4-Dichlorobenzene
 Concen: 36.98 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	41.5	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 34.97 ng/mL

RT: 6.83 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

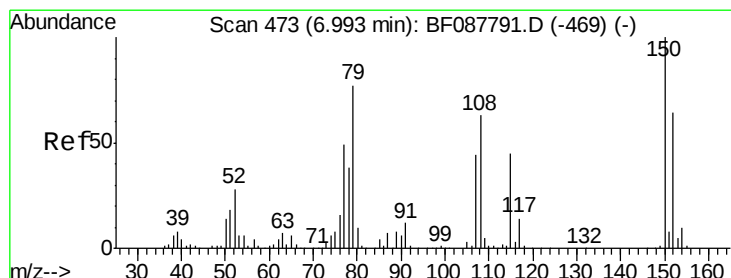
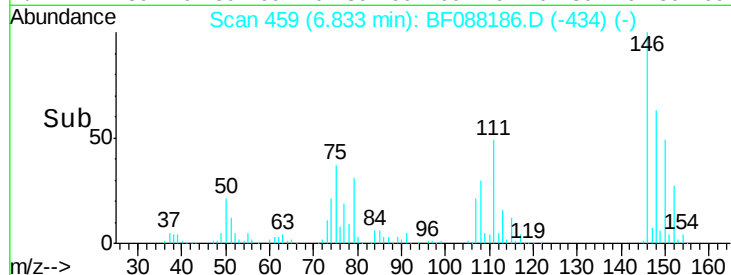
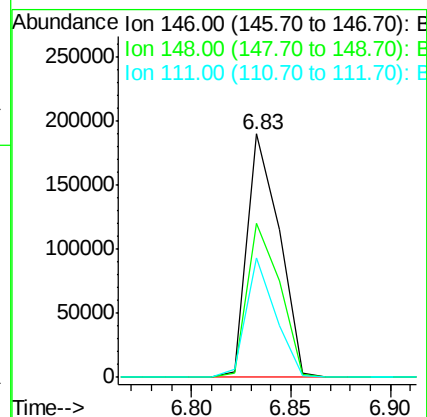
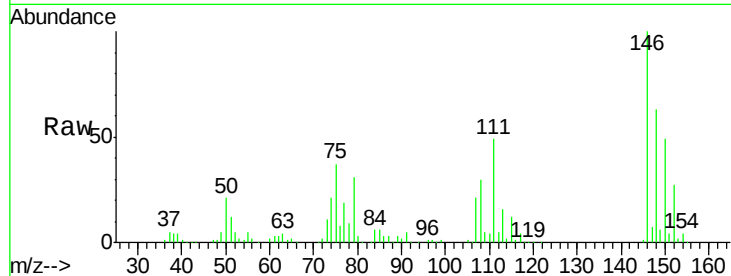
ClientSampleID :

PB91400BS

Tot Ion:	146	Resp:	215212
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.3	78.5
111	49.2	28.7	43.1#

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#15

Benzyl Alcohol

Concen: 30.84 ng/mL

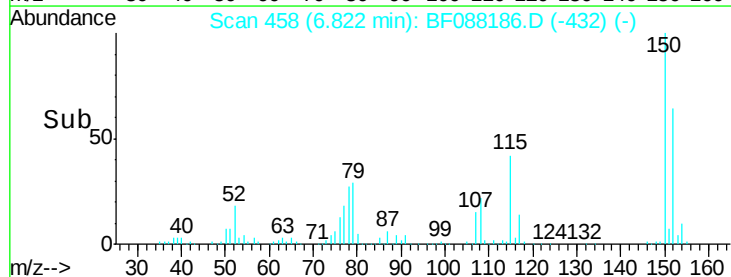
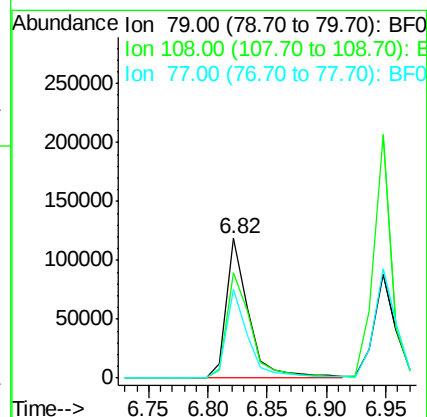
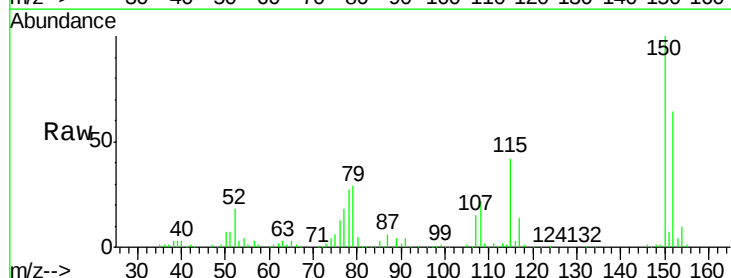
RT: 6.82 min Scan# 458

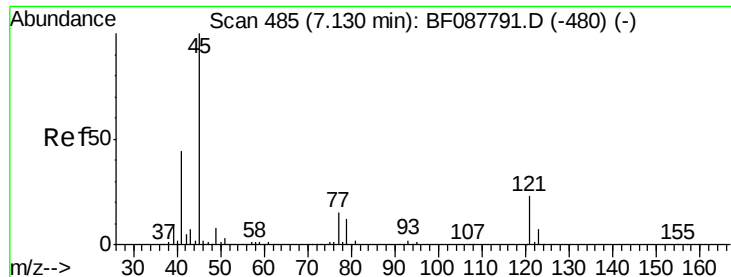
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	79	Resp:	154666
Ion Ratio	Lower	Upper	
79	100		
108	75.3	65.0	97.6
77	63.4	50.3	75.5





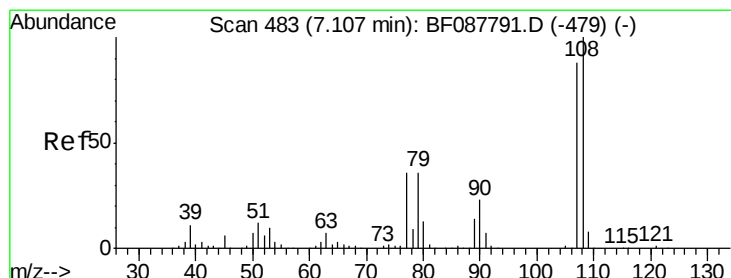
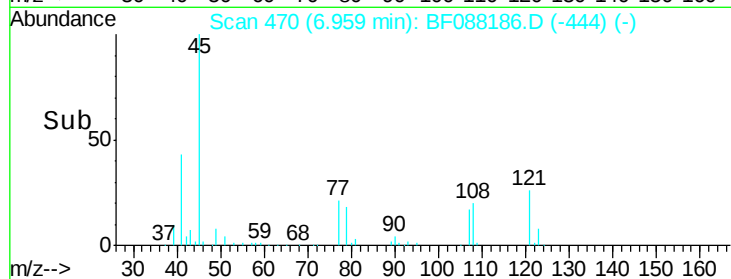
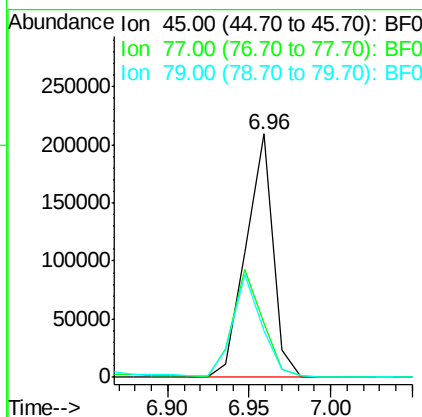
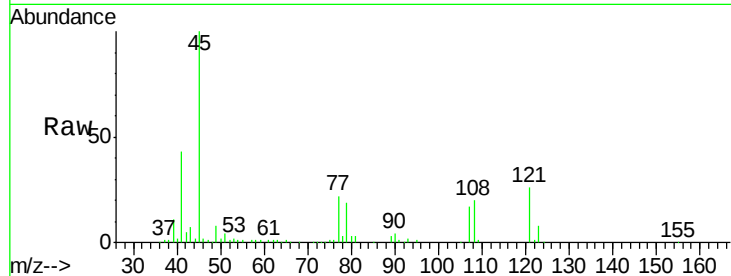
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.85 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	22.3	0.0	32.5
79	19.3	0.0	29.5

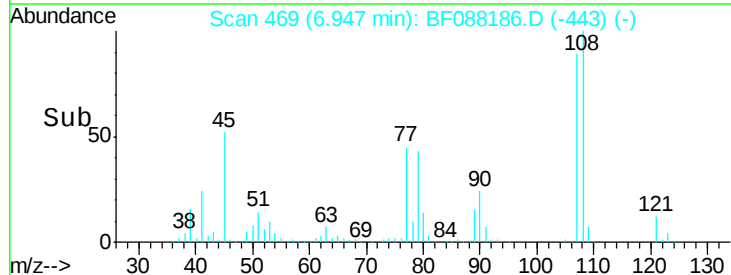
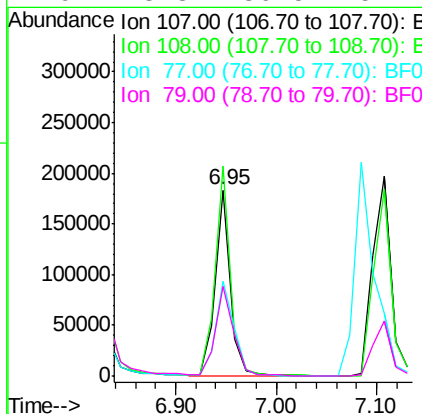
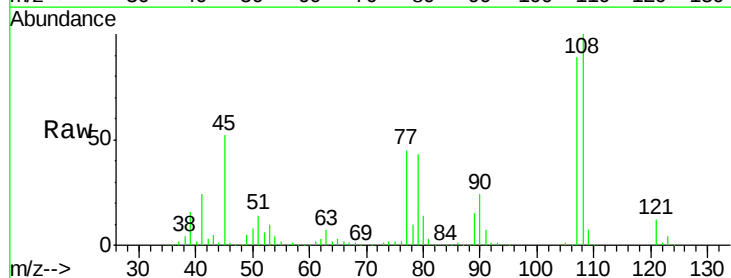
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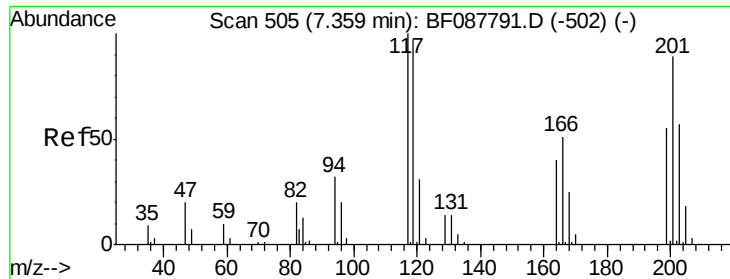
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#17
2-Methylphenol
Concen: 37.64 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.8	90.9	136.3
77	50.8	36.6	55.0
79	48.3	36.5	54.7





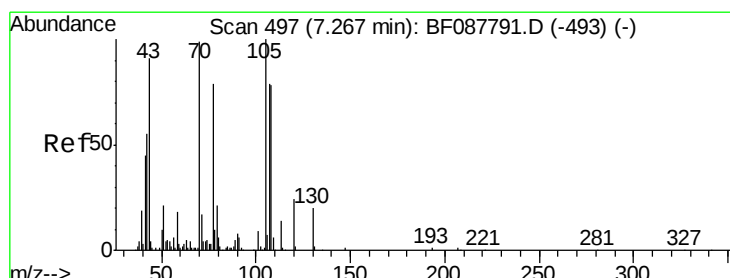
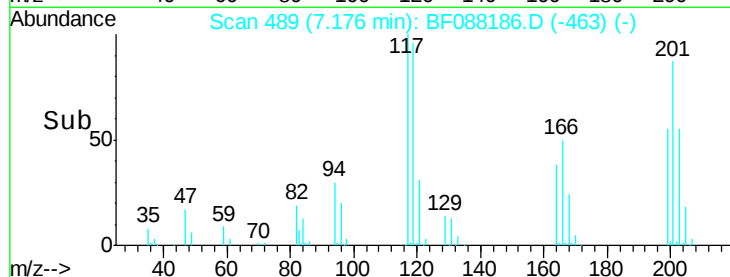
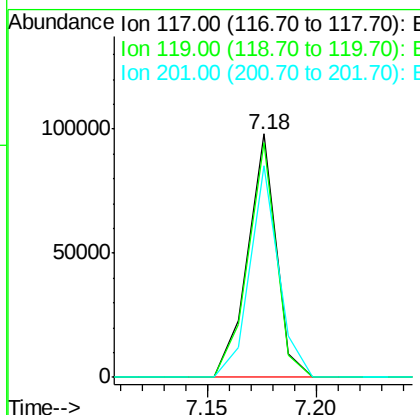
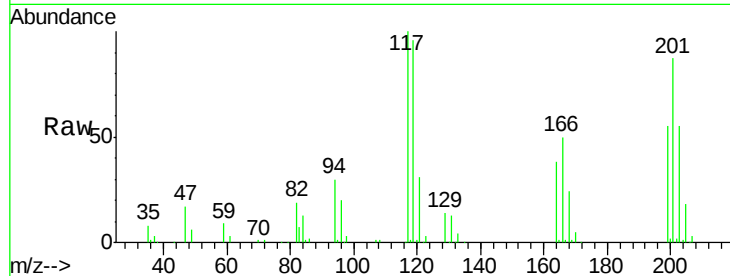
#18
Hexachloroethane
Concen: 37.15 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	89215		
119	96.2		77.4	116.2
201	87.0		80.4	120.6

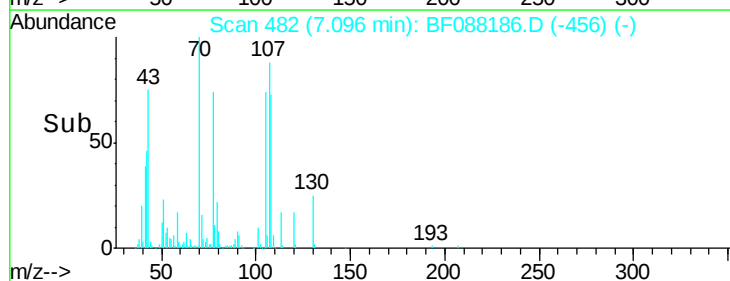
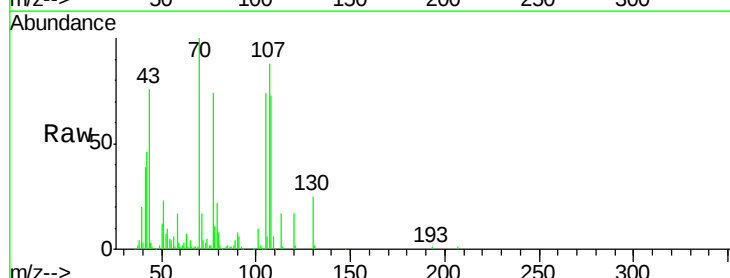
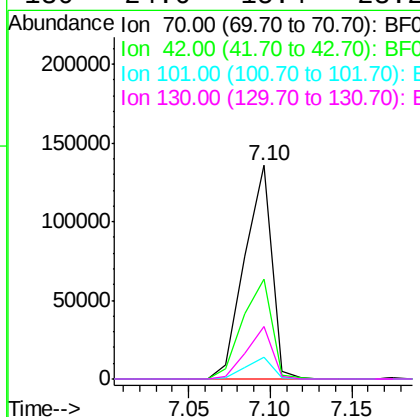
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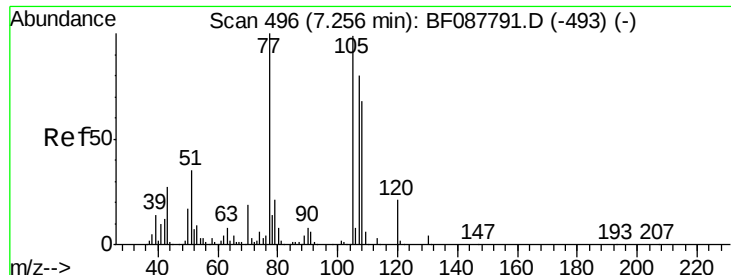
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#19
n-Nitroso-di-n-propylamine
Concen: 38.16 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	156486		
42	46.5		49.6	74.4#
101	10.4		7.1	10.7
130	24.6		15.4	23.2#





#20

3+4-Methylphenols

Concen: 43.03 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF088186.D

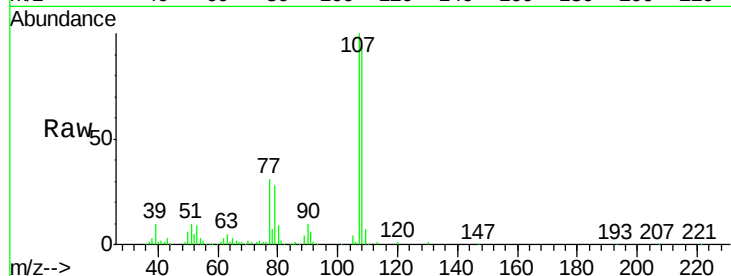
Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

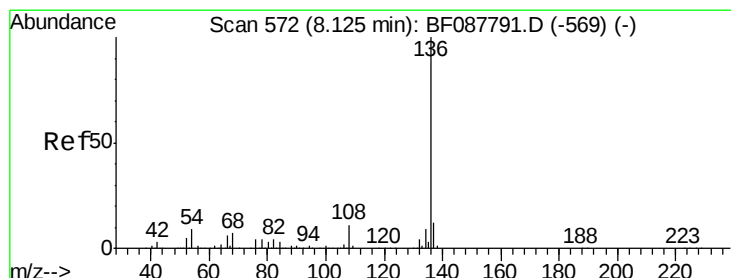
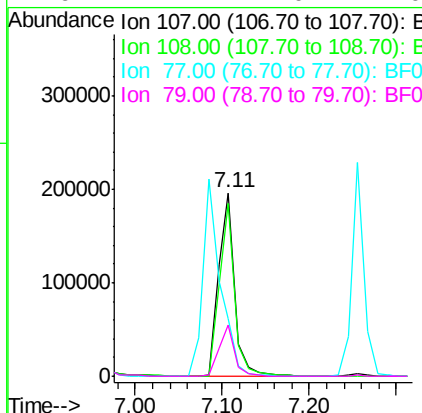
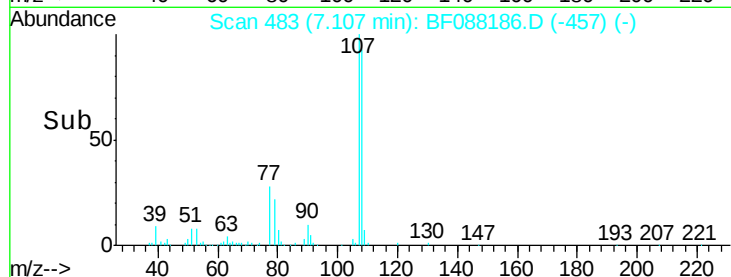
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Tot Ion	Ratio	Resp	Lower	Upper
107	100	254911		
108	93.9	67.8	107.8	
77	31.2	59.3	99.3#	
79	27.7	7.0	47.0	

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#21

Naphthalene-d8

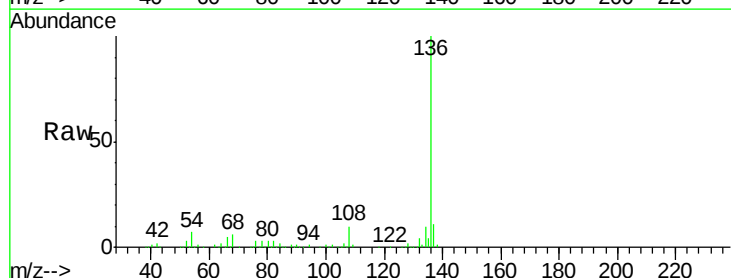
Concen: 20.00 ng

RT: 7.95 min Scan# 557

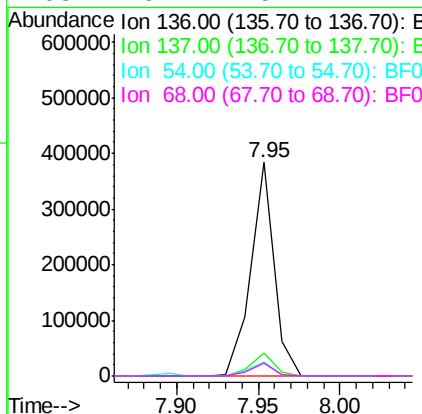
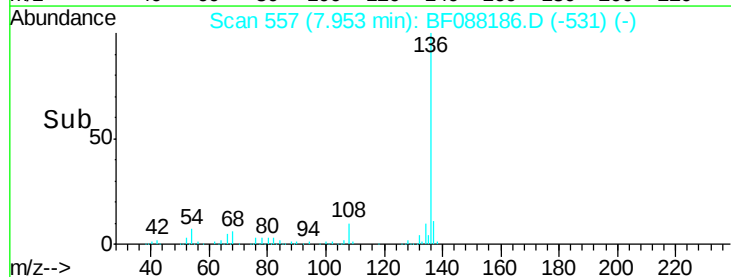
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	379176		
137	11.0	9.1	13.7	
54	6.8	6.6	10.0	
68	5.7	5.1	7.7	





#22

Acetophenone

Concen: 36.12 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088186.D

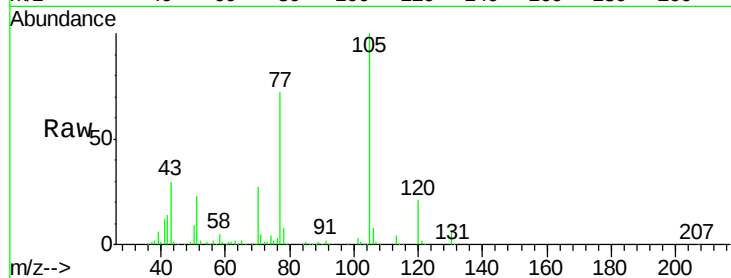
Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

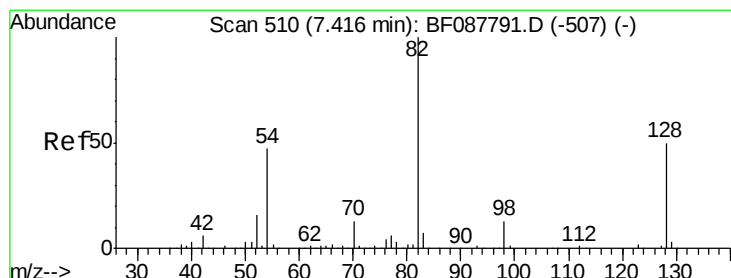
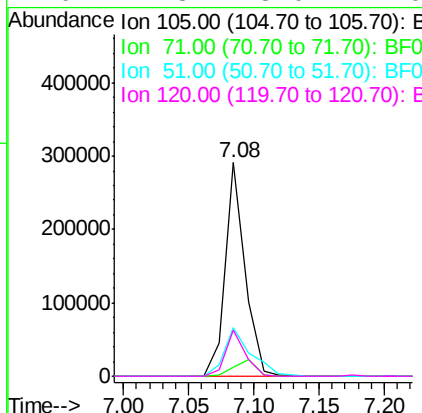
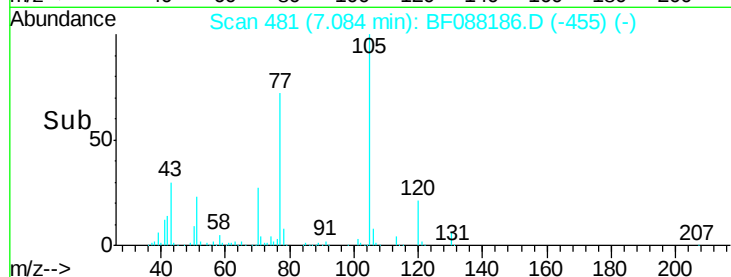
PB91400BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	306027		
71	71	4.5	5.3	7.9#	
51	51	22.6	18.2	27.4	
120	120	21.3	18.0	27.0	

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#23

Nitrobenzene-d5

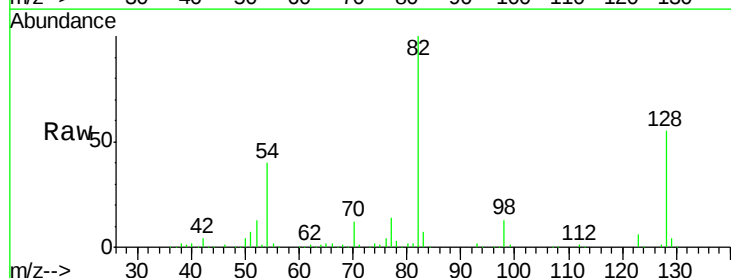
Concen: 66.63 ng

RT: 7.24 min Scan# 495

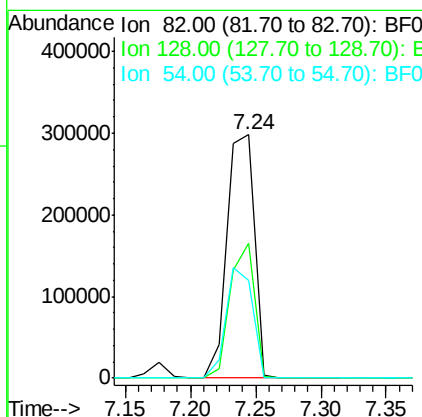
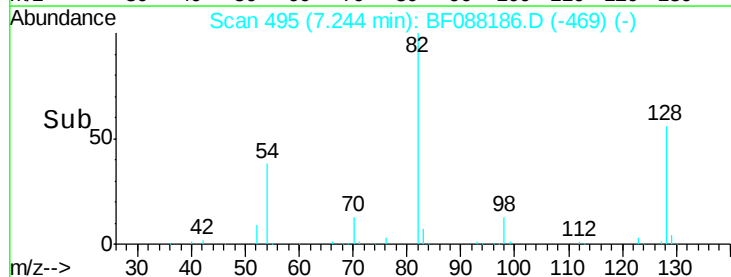
Delta R.T. -0.00 min

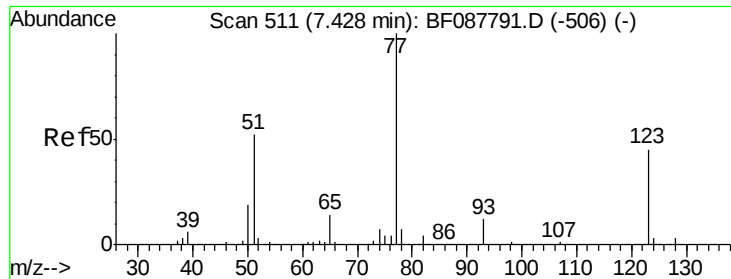
Lab File: BF088186.D

Acq: 20 Jun 2016 22:20



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	432645		
128	128	55.4	35.9	53.9#	
54	54	40.3	40.9	61.3#	





#24

Nitrobenzene

Concen: 35.58 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

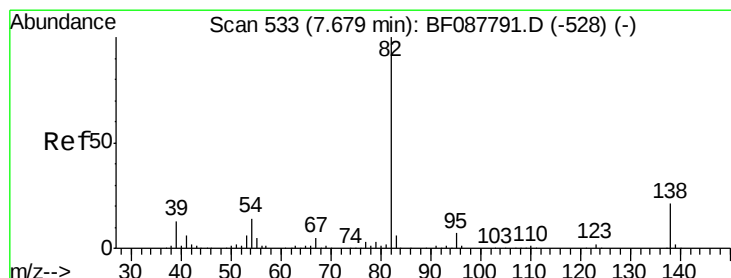
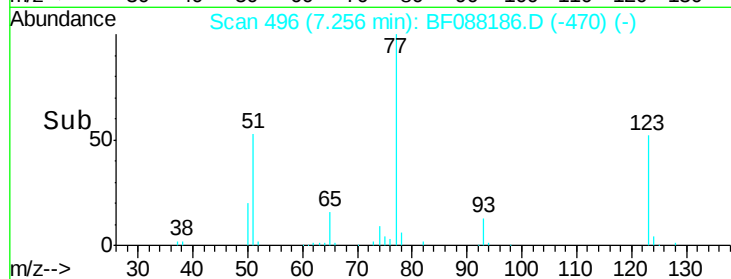
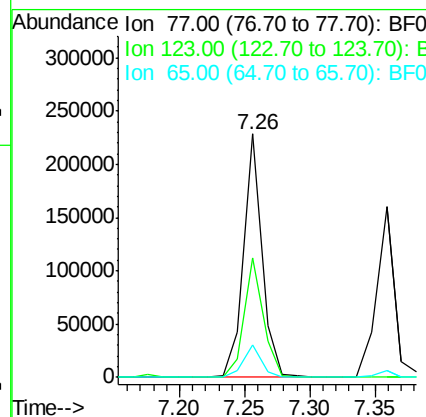
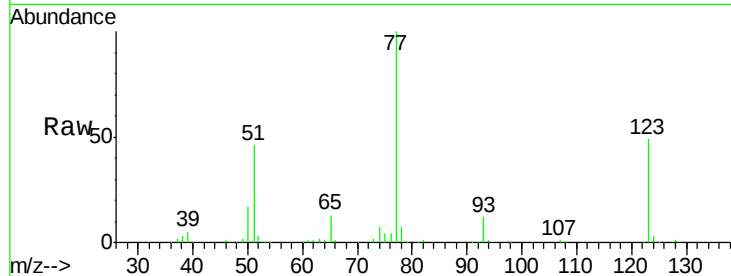
ClientSampleId :

PB91400BS

Tot Ion:	77	Resp:	223771
Ion Ratio	Lower	Upper	
77	100		
123	48.8	45.0	67.4
65	13.2	10.2	15.2

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#25

Isophorone

Concen: 34.89 ng

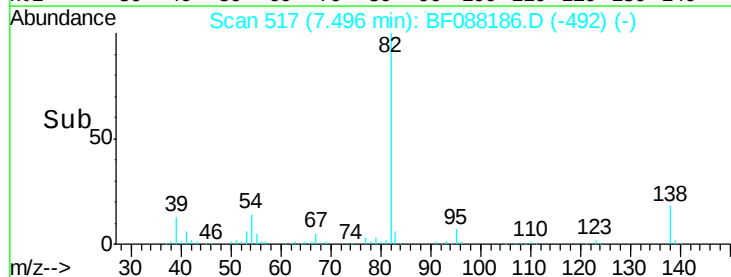
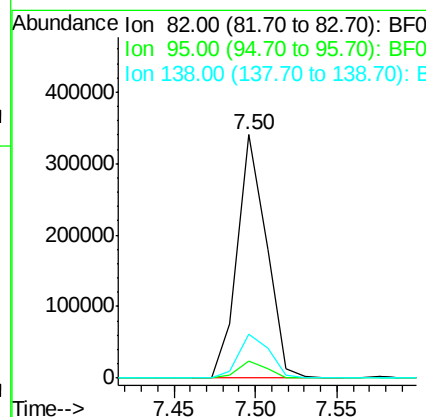
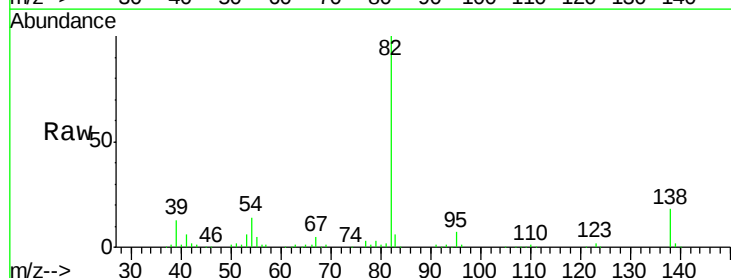
RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	82	Resp:	419634
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.0	14.6	21.8





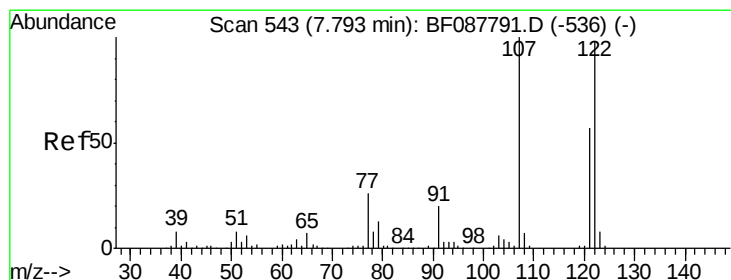
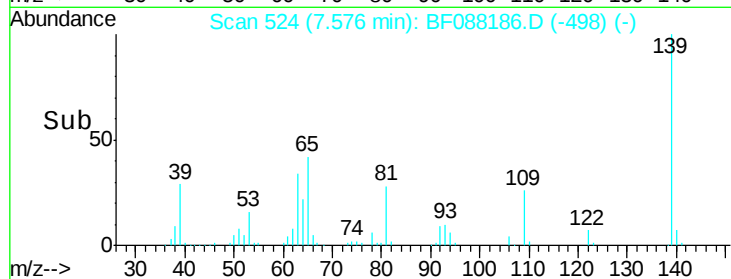
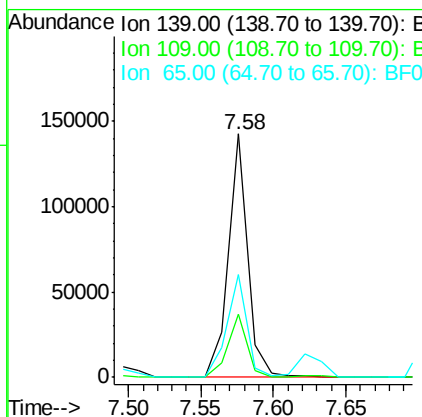
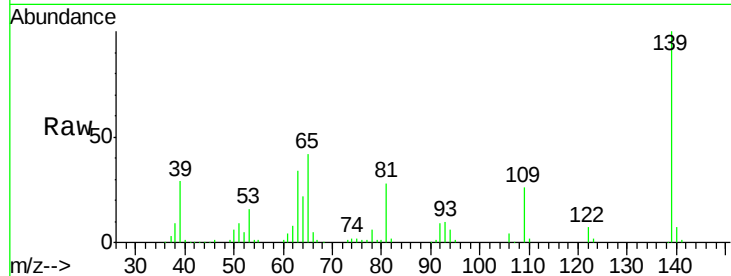
#26
 2-Nitrophenol
 Concen: 39.17 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.9	23.0	34.4	
65	42.2	45.8	68.8	

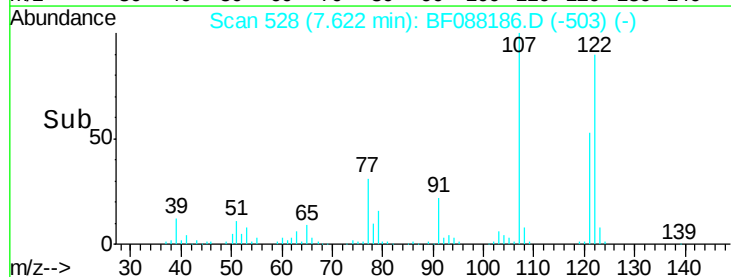
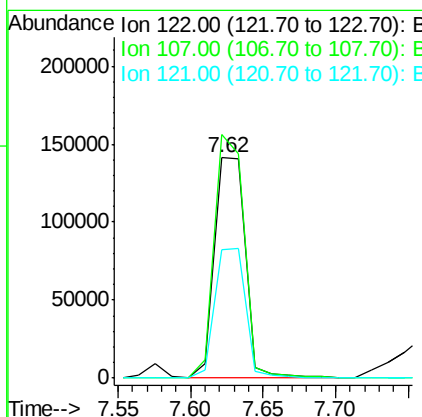
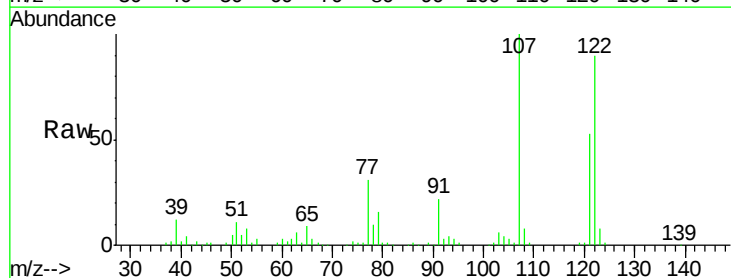
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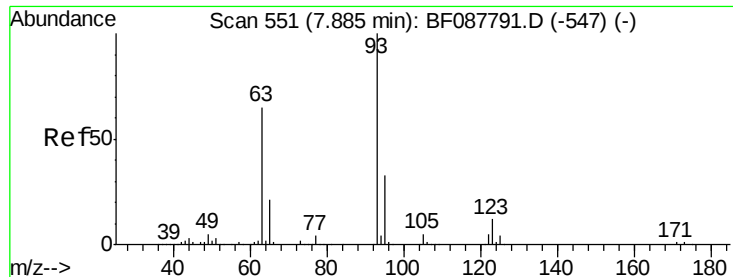
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#27
 2,4-Dimethylphenol
 Concen: 33.61 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	110.6	82.4	123.6	
121	58.1	46.3	69.5	





#28

bis(2-Chloroethoxy)methane

Concen: 36.20 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

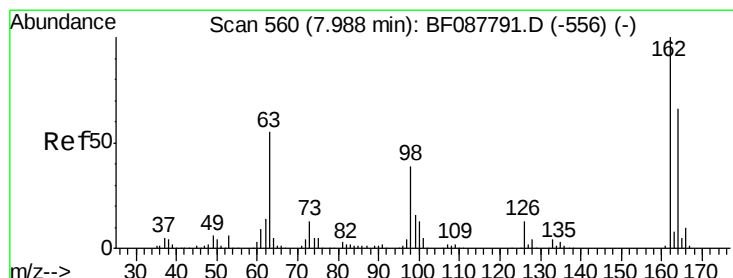
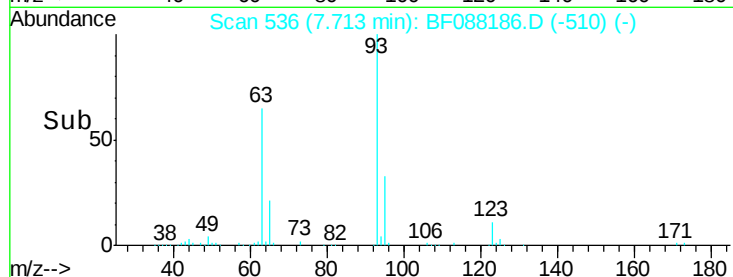
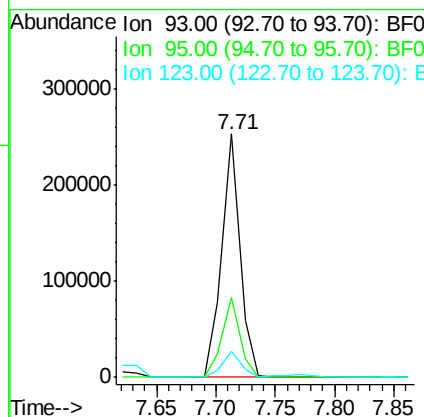
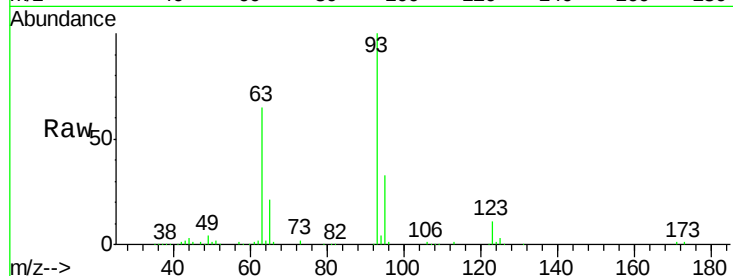
ClientSampleId :

PB91400BS

Tot Ion:	93	Resp:	270056
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	10.8	11.6	17.4

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#29

2,4-Dichlorophenol

Concen: 39.18 ng

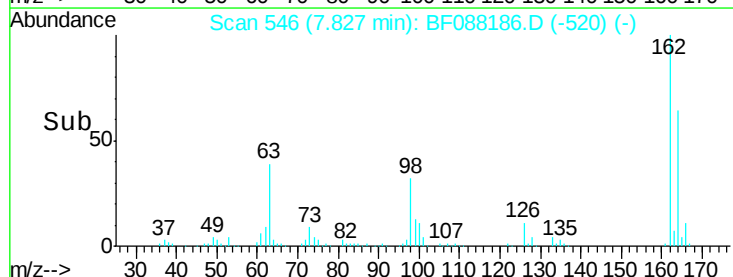
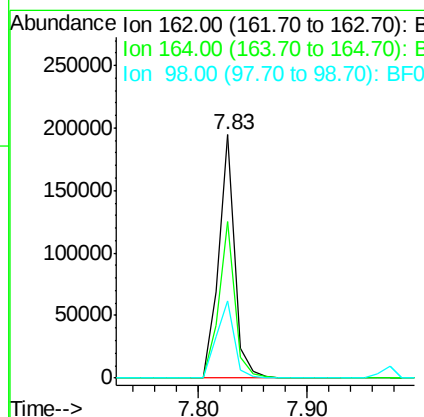
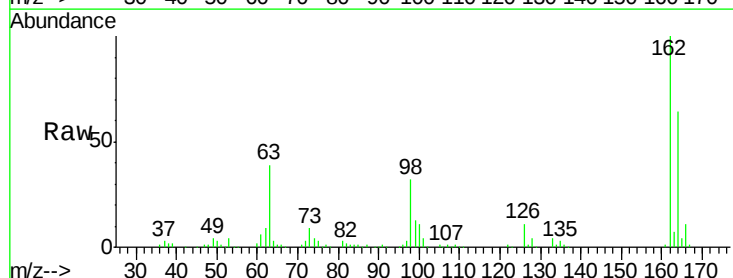
RT: 7.83 min Scan# 546

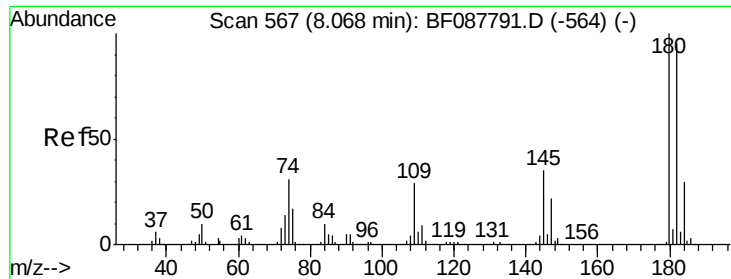
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	162	Resp:	202959
Ion Ratio	Lower	Upper	
162	100		
164	64.4	43.8	83.8
98	31.6	21.3	61.3





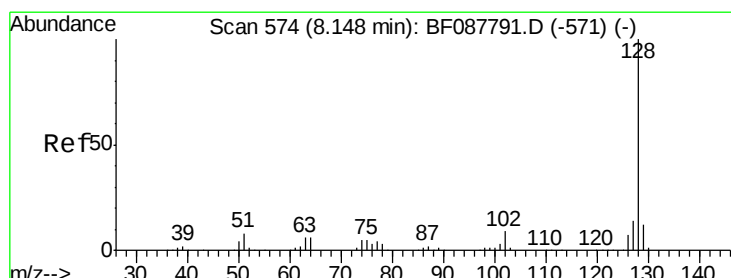
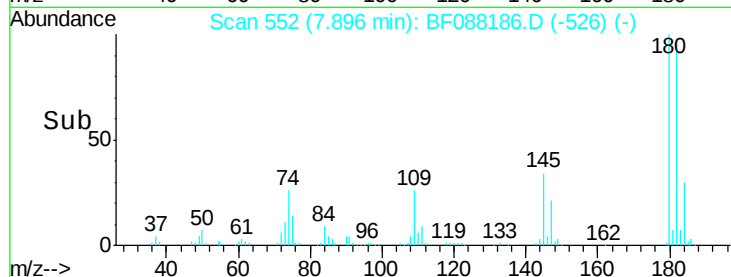
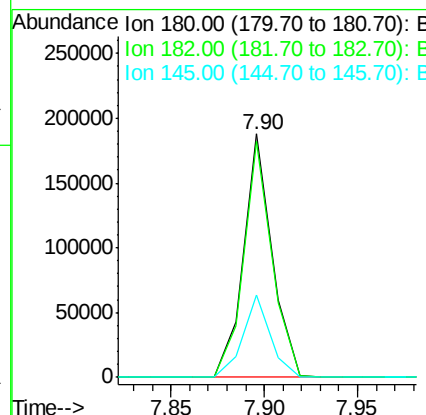
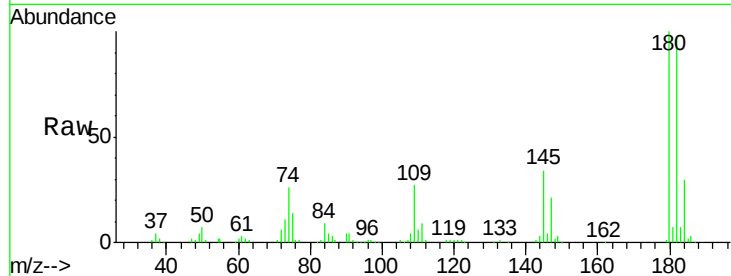
#30
1,2,4-Trichlorobenzene
Concen: 35.38 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199523		
182	96.9	76.0	114.0	
145	34.0	26.5	39.7	

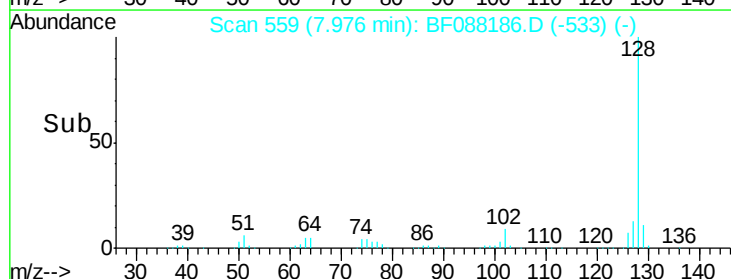
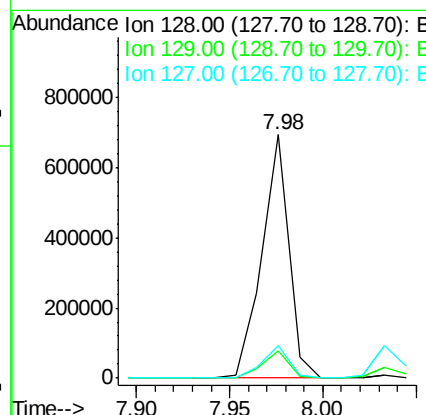
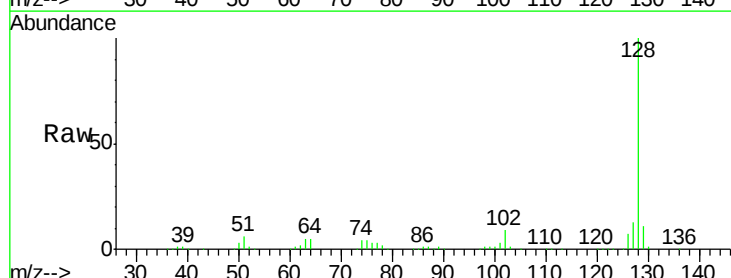
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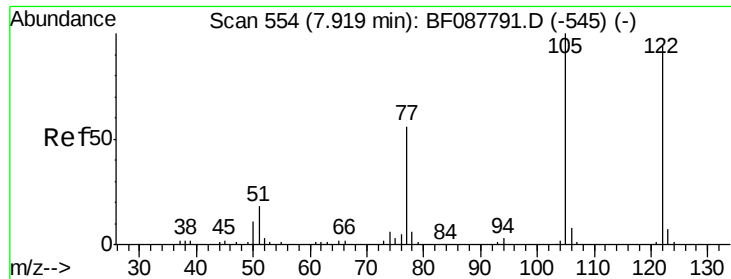
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#31
Naphthalene
Concen: 36.84 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	691230		
129	11.1	9.4	14.2	
127	13.4	10.9	16.3	





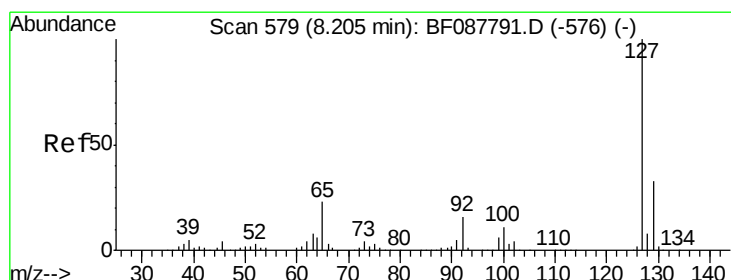
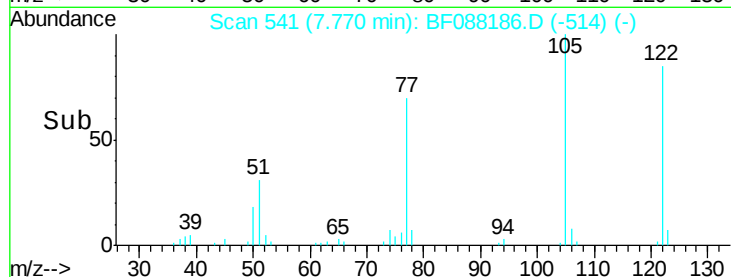
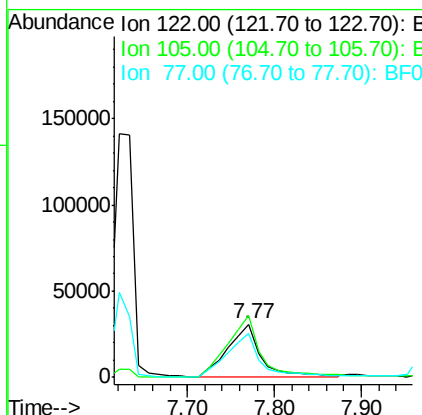
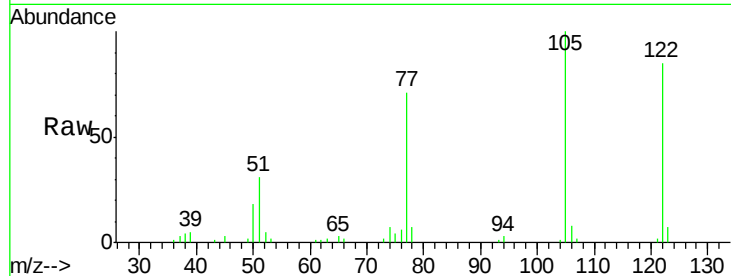
#32
Benzoic acid
Concen: 22.85 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	117.9	101.6	141.6
77	84.0	70.6	110.6

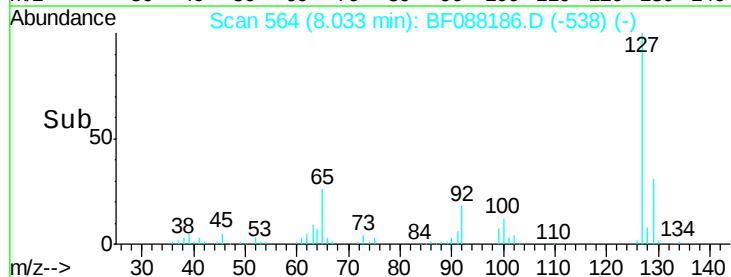
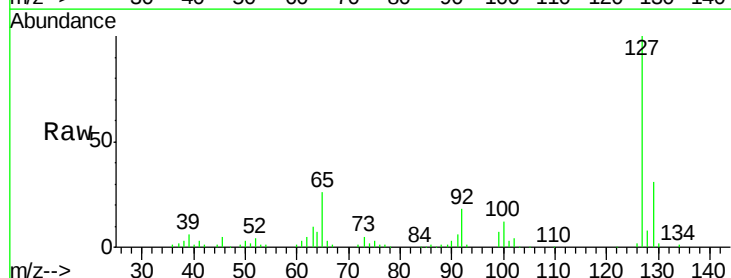
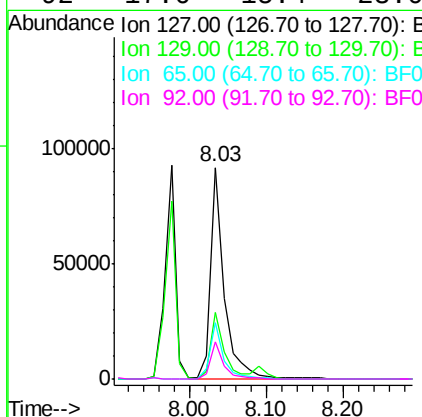
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#33
4-Chloroaniline
Concen: 13.57 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	26.5	24.7	37.1
92	17.6	15.4	23.0





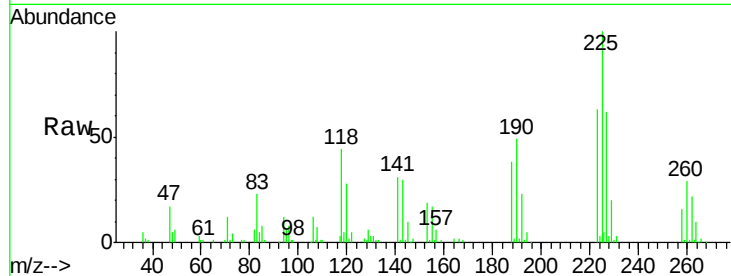
#34
Hexachlorobutadiene
Concen: 34.50 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	102632		
223	63.5		50.9	76.3
227	61.6		51.9	77.9

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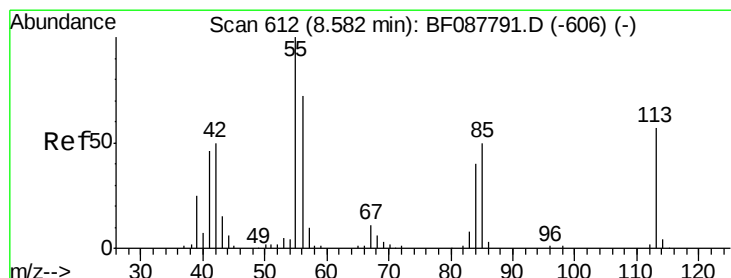
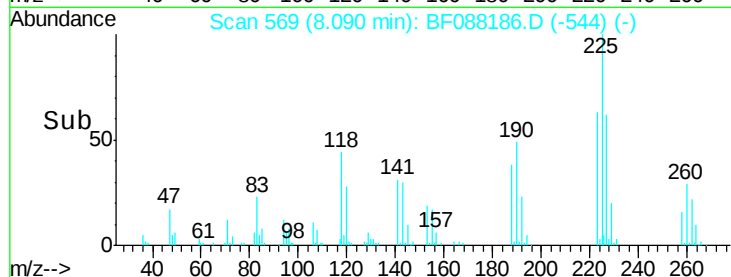
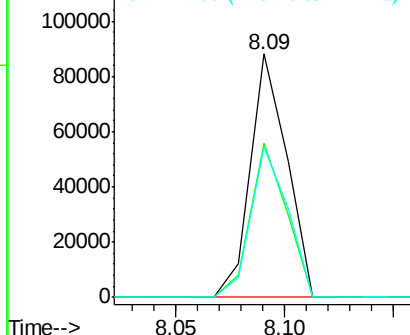


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 38.98 ng m
RT: 8.41 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

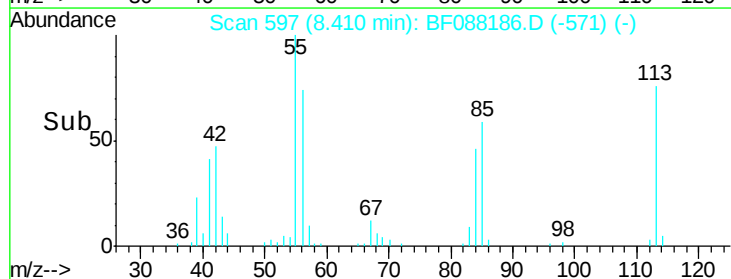
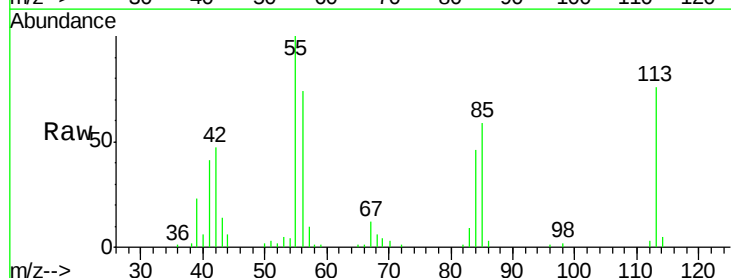
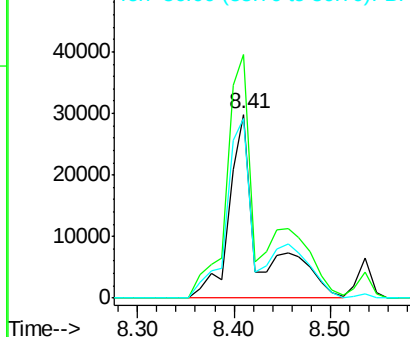
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66880		
55	132.4		158.6	198.6#
56	97.6		110.6	150.6#

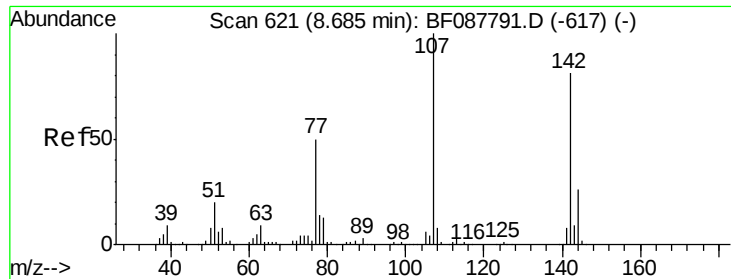
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





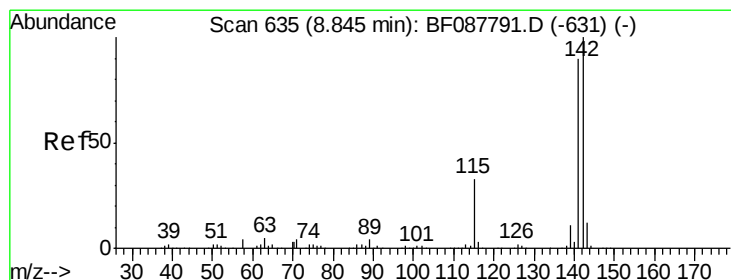
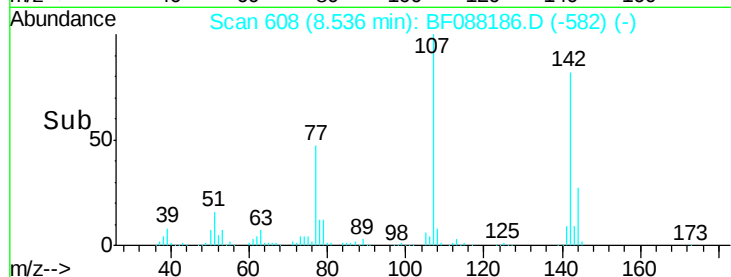
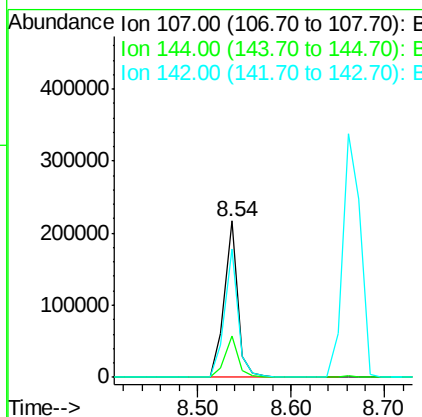
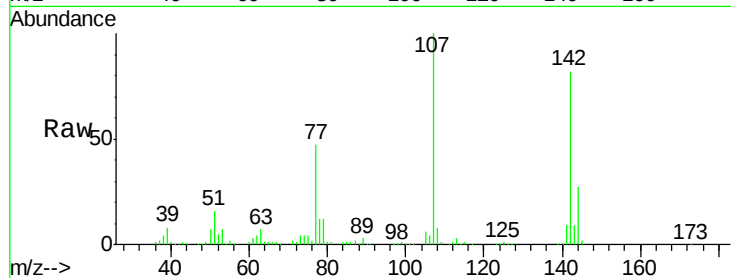
#36
4-Chloro-3-methylphenol
Concen: 39.40 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	218251		
144	26.6	20.8	31.2	
142	82.1	63.4	95.2	

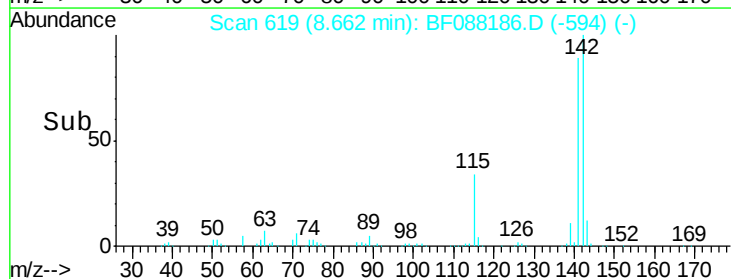
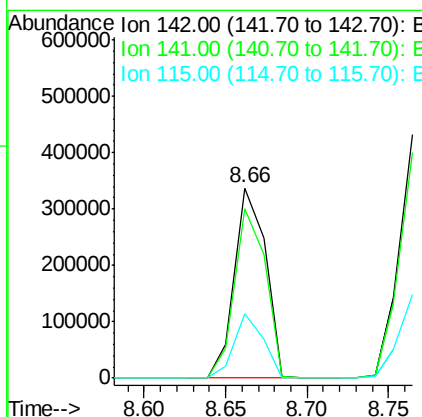
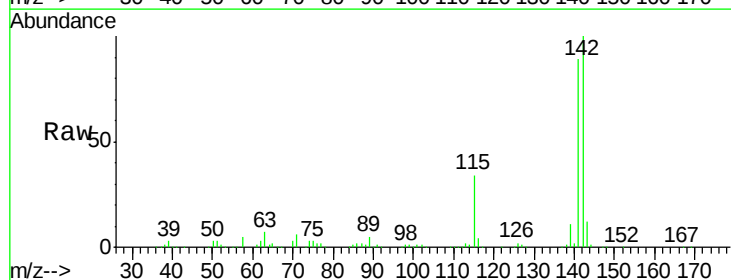
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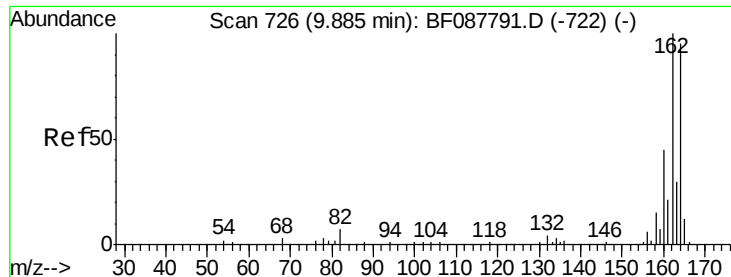
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#37
2-Methylnaphthalene
Concen: 36.13 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	446874		
141	89.0	71.0	106.6	
115	34.0	22.6	33.8#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088186.D

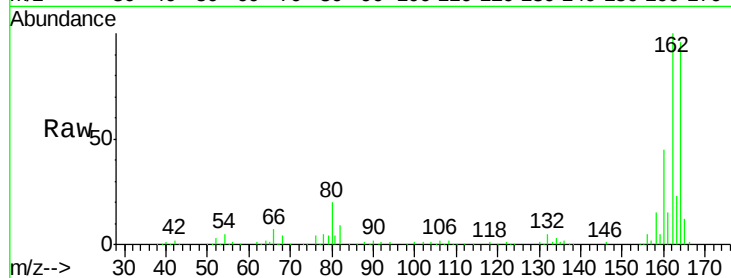
Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

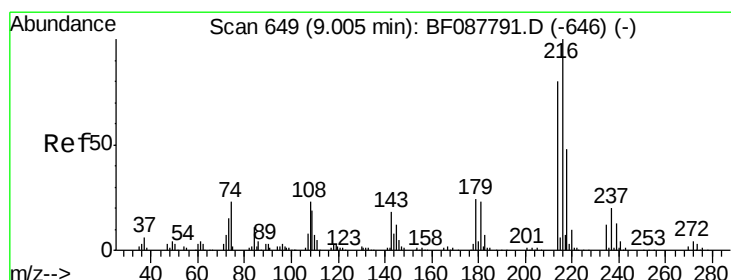
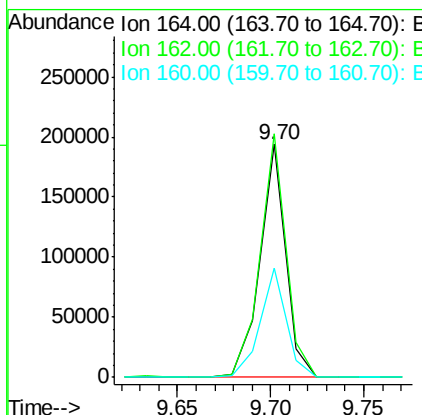
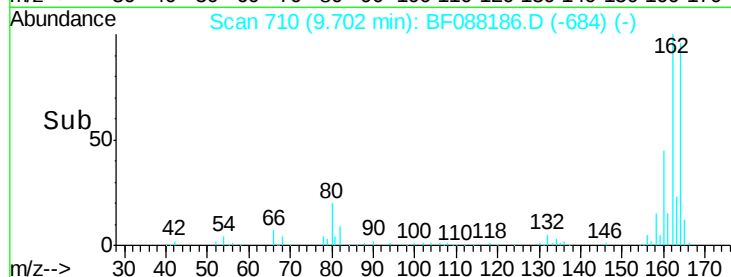
PB91400BS



Tot Ion	164	Resp	183477
Ion Ratio	Lower	Upper	
164	100		
162	104.5	85.4	128.2
160	46.6	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.14 ng

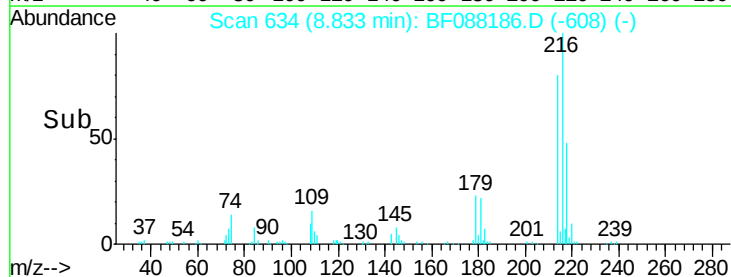
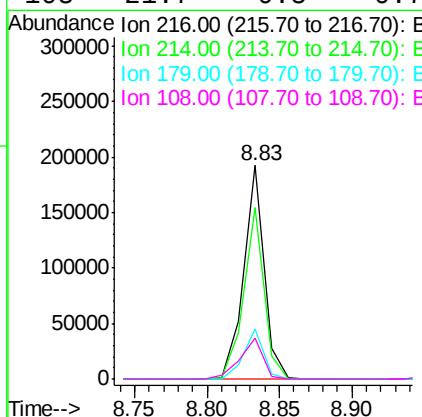
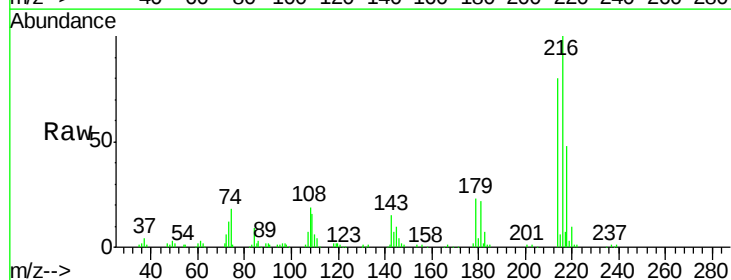
RT: 8.83 min Scan# 634

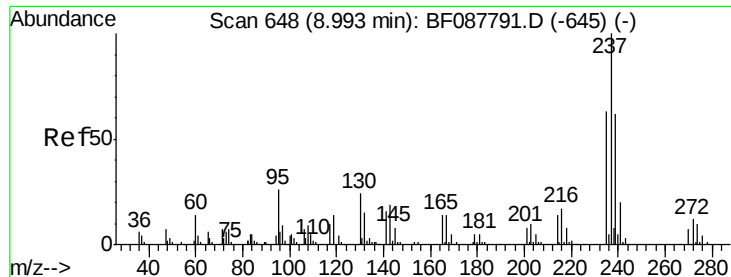
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion	216	Resp	188018
Ion Ratio	Lower	Upper	
216	100		
214	79.7	2.9	4.3#
179	22.7	0.0	0.0#
108	21.7	0.5	0.7#





#40

Hexachlorocyclopentadiene

Concen: 35.55 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

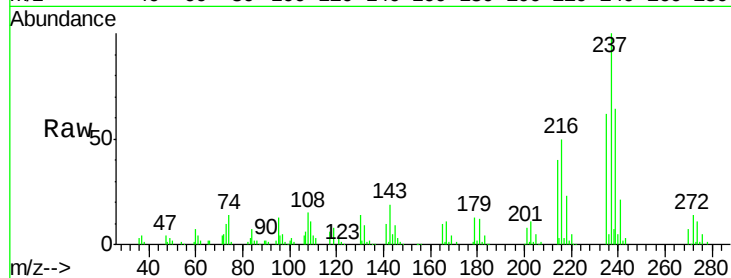
ClientSampleId :

PB91400BS

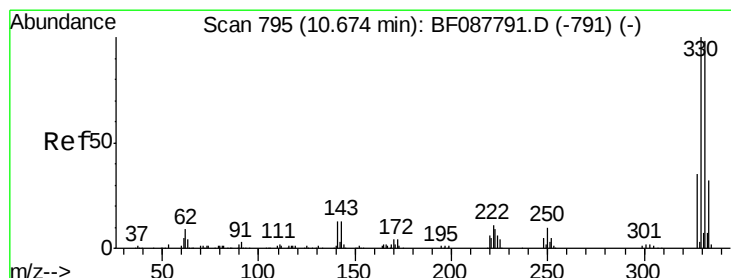
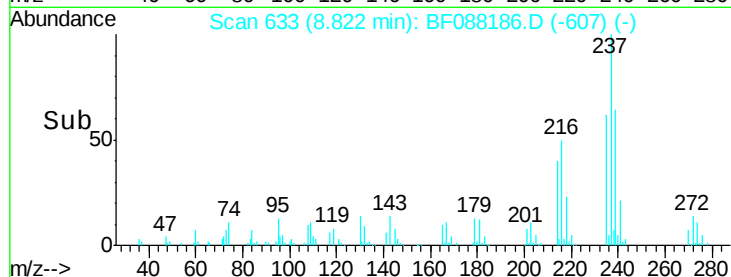
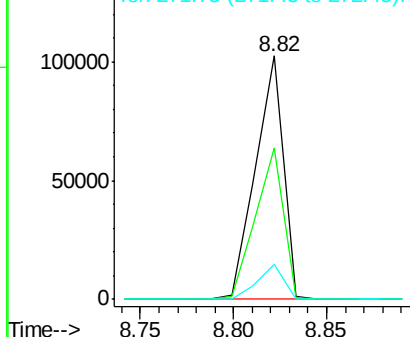
Tot Ion:	237	Resp:	105224
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.4	83.4
272	14.2	0.0	32.3

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



#41

2,4,6-Tribromophenol

Concen: 59.97 ng

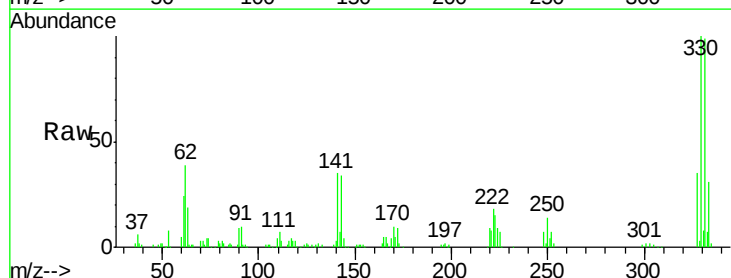
RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

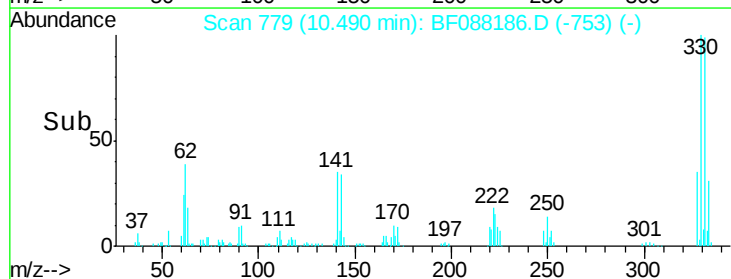
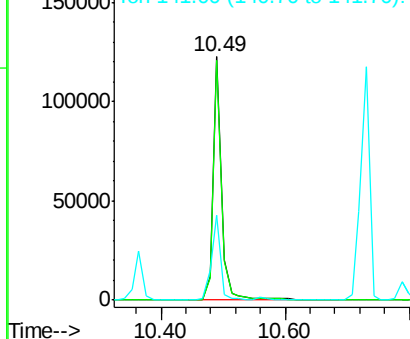
Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	330	Resp:	116187
Ion Ratio	Lower	Upper	
330	100		
332	98.6	0.0	0.0#
141	37.4	0.0	0.0#



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





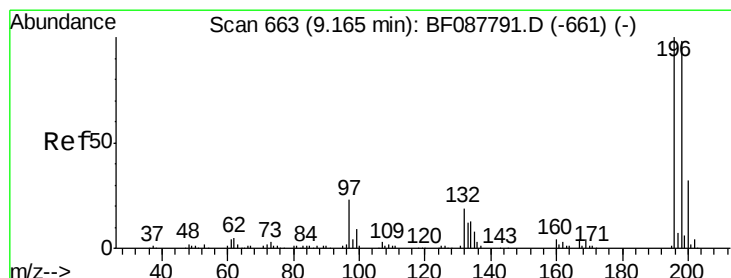
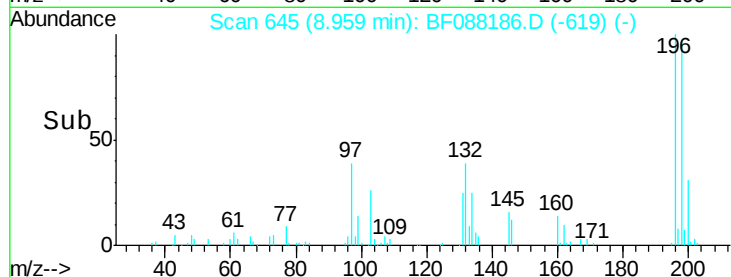
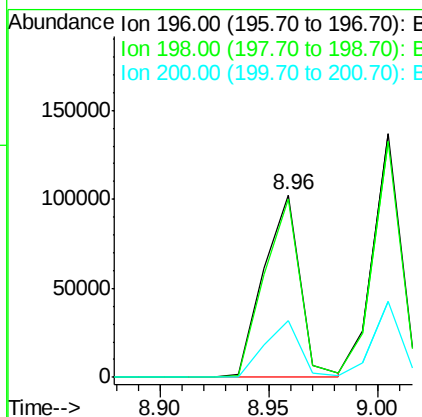
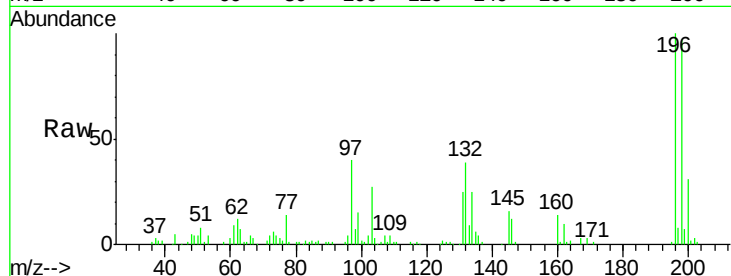
#42
 2,4,6-Trichlorophenol
 Concen: 32.72 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120071		
198	97.4	78.0	117.0	
200	31.1	25.4	38.2	

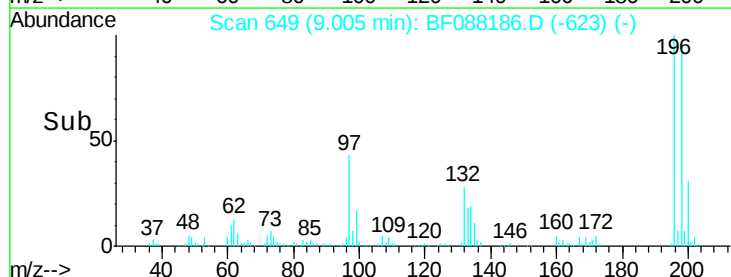
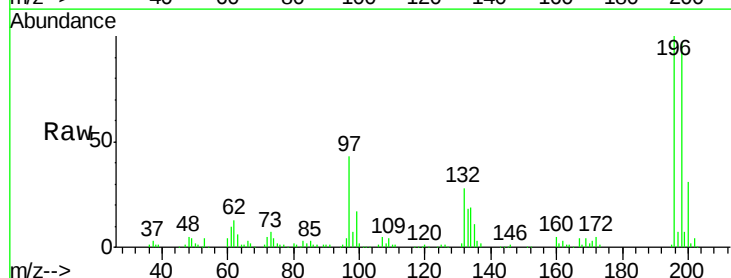
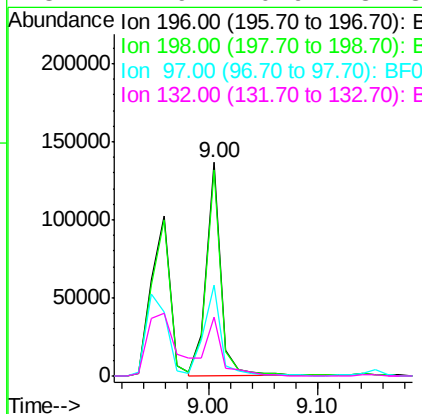
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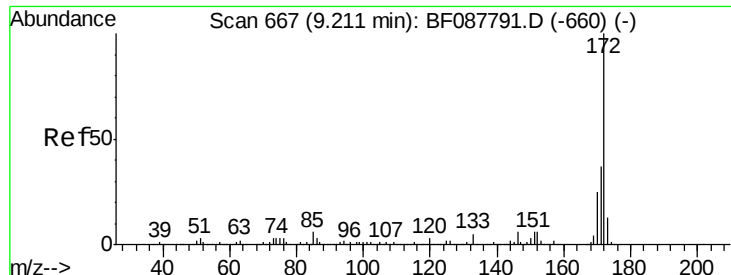
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#43
 2,4,5-Trichlorophenol
 Concen: 33.97 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129677		
198	96.7	77.5	116.3	
97	42.6	32.0	48.0	
132	27.9	20.9	31.3	





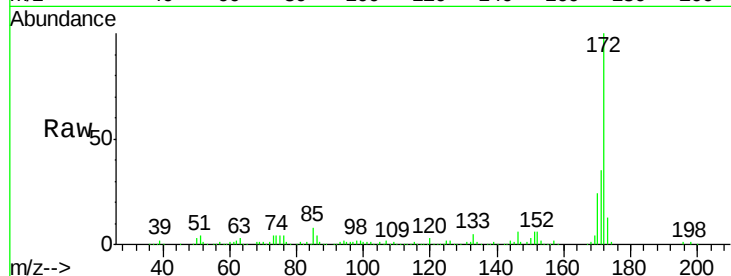
#44
2-Fluorobiphenyl
Concen: 72.49 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

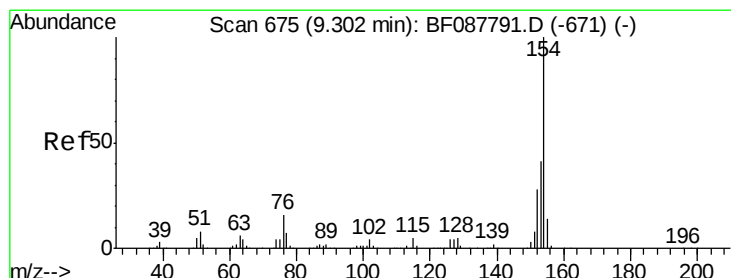
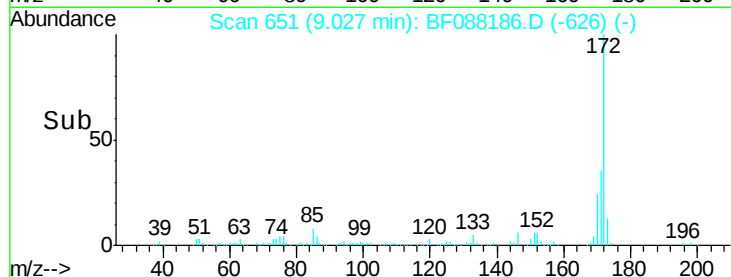
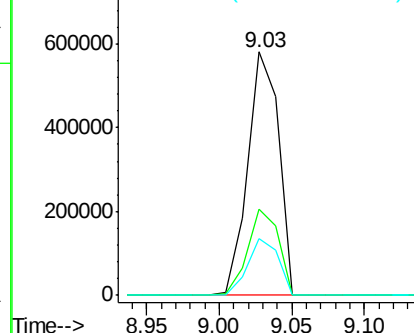
Tot Ion	Ratio	Resp	Lower	Upper
172	100	856192		
171	35.5		28.6	43.0
170	23.5		19.2	28.8

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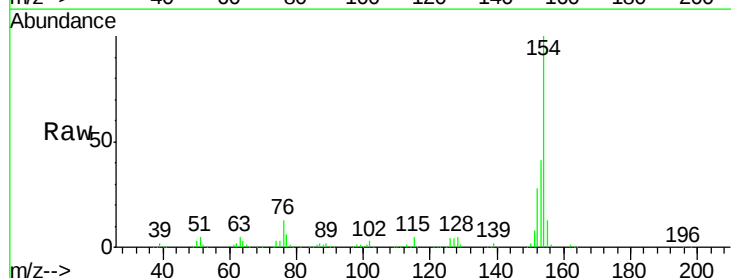


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

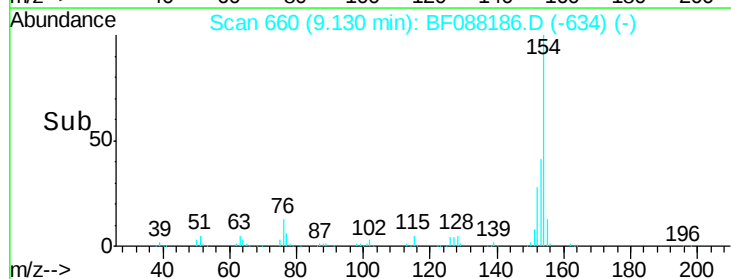
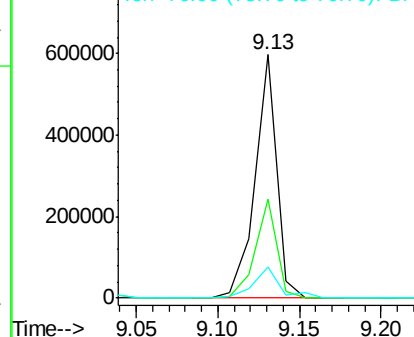


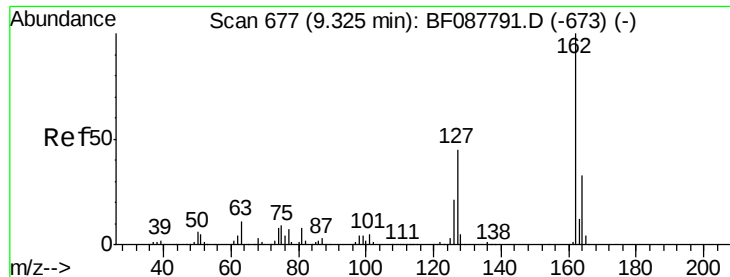
#45
1,1'-Biphenyl
Concen: 38.91 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	547392		
153	40.7		20.6	60.6
76	12.8		0.0	35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





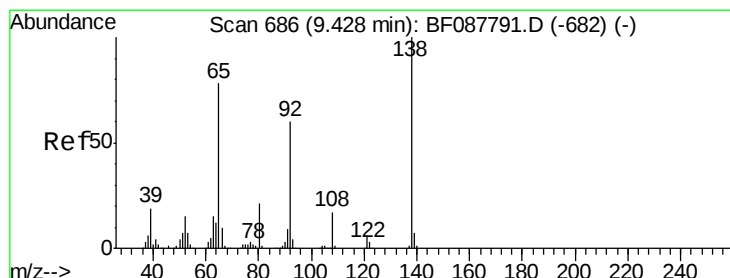
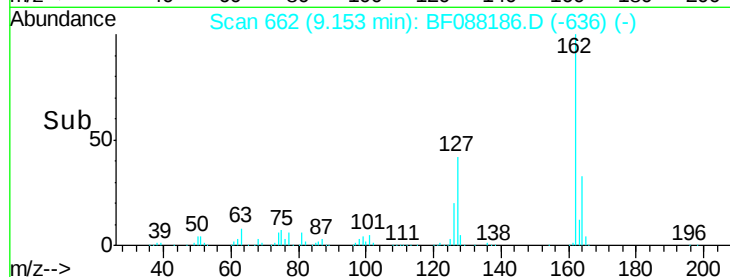
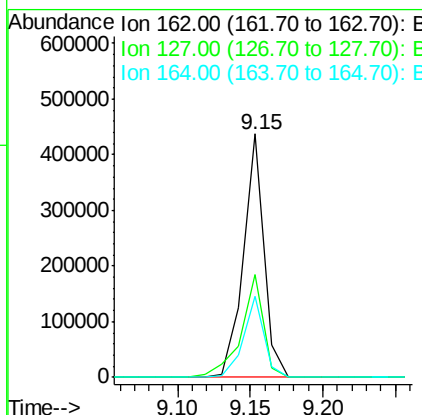
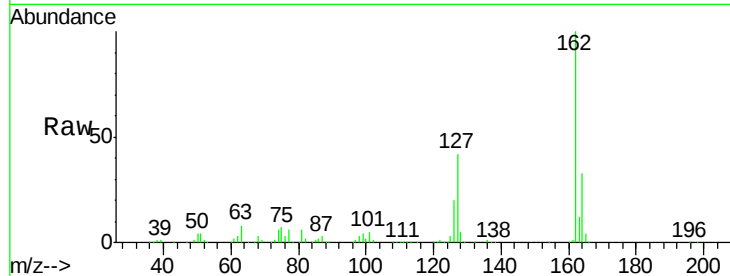
#46
2-Chloronaphthalene
Concen: 36.39 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.0	35.2	52.8	
164	33.0	26.6	39.8	

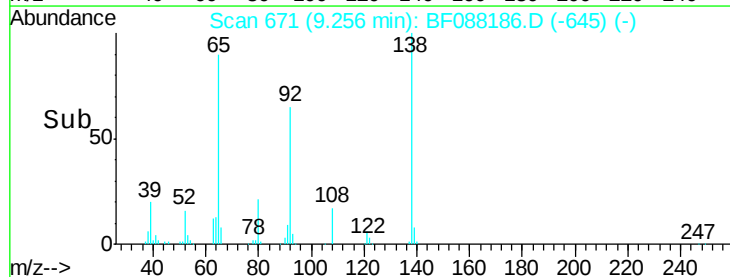
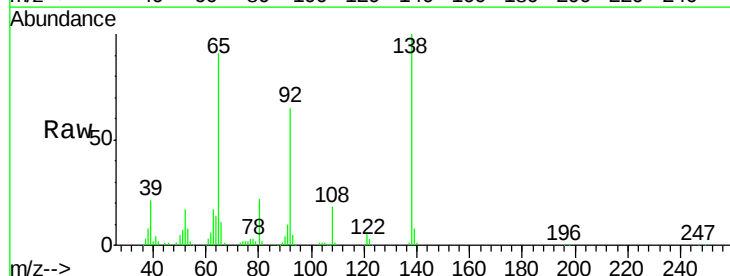
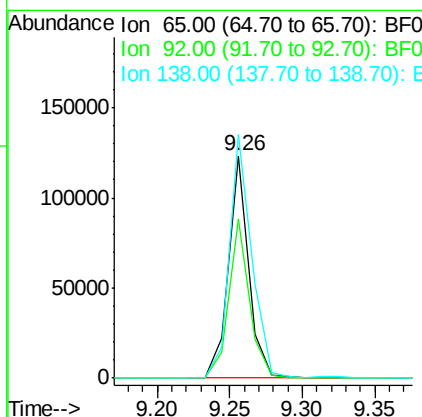
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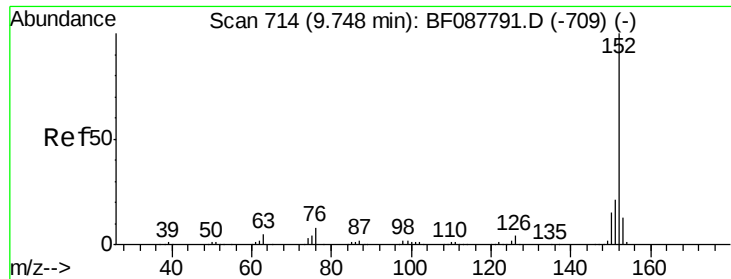
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#47
2-Nitroaniline
Concen: 33.83 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.6	54.6	82.0	
138	109.5	77.0	115.4	





#48

Acenaphthylene

Concen: 33.83 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

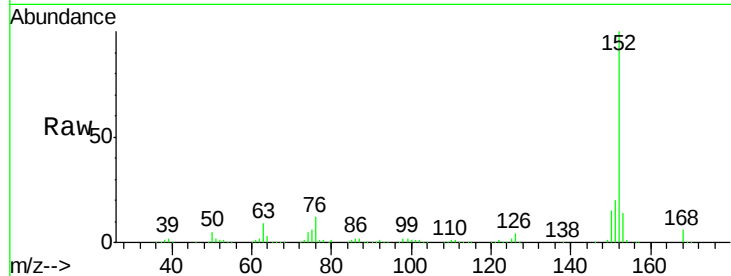
ClientSampleId :

PB91400BS

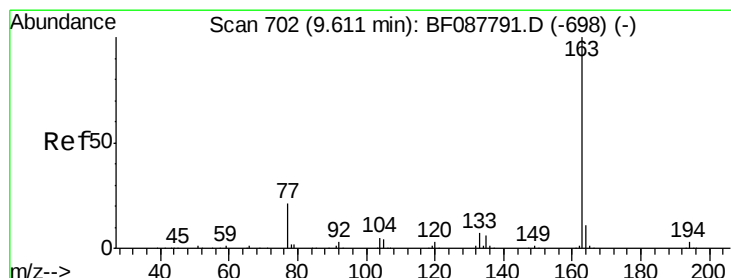
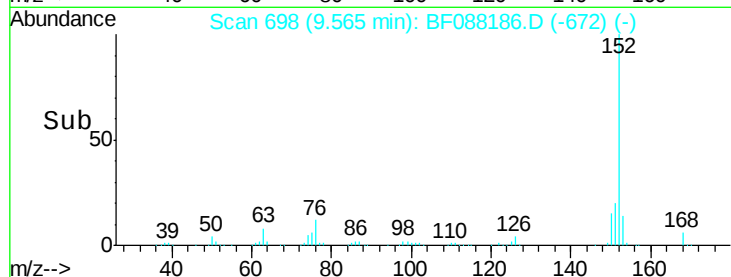
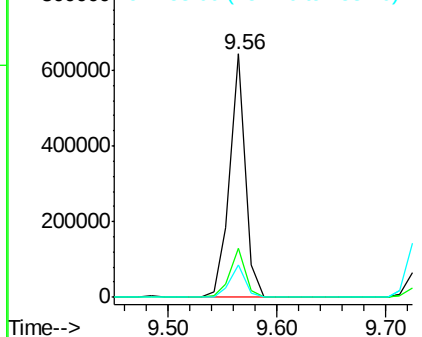
Tot Ion:	152	Resp:	638886
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.5	11.0	16.6

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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: 38.09 ng

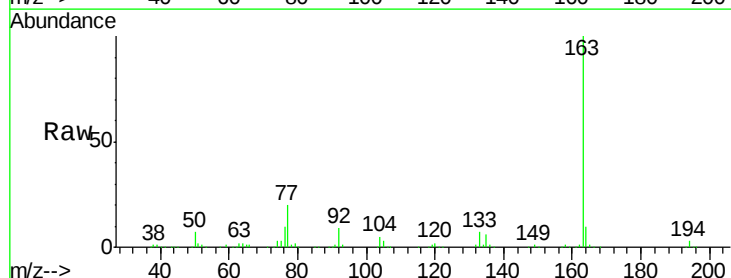
RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

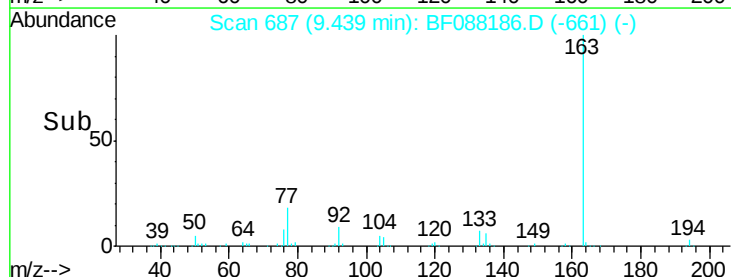
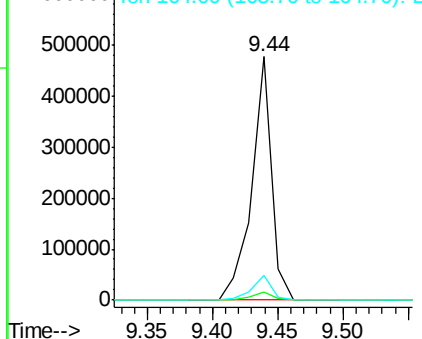
Lab File: BF088186.D

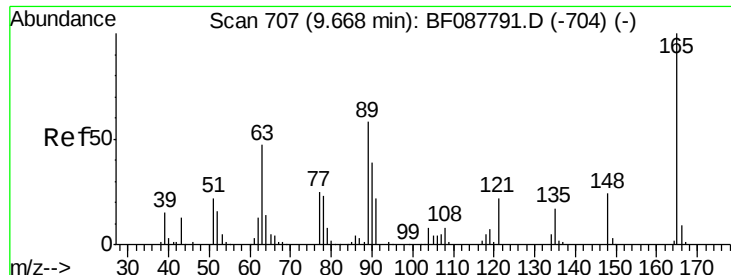
Acq: 20 Jun 2016 22:20

Tgt Ion:	163	Resp:	506277
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.4	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





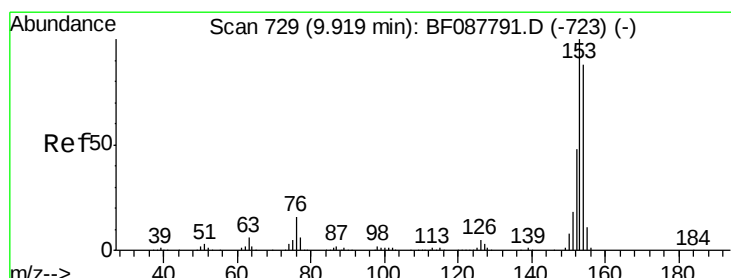
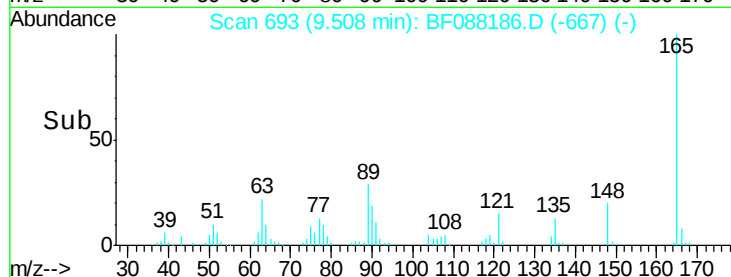
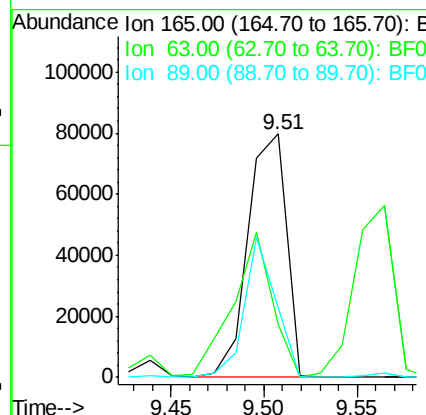
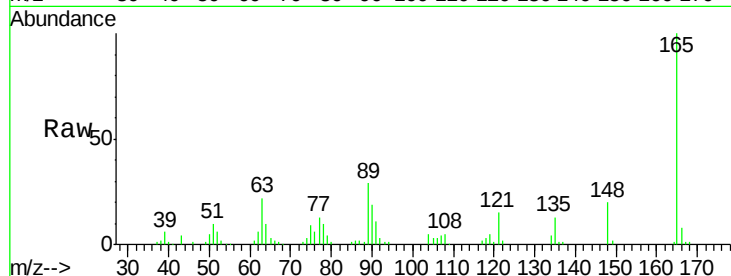
#50
2,6-Dinitrotoluene
Concen: 37.43 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampled :
PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	21.7	28.1	42.1#	
89	28.8	32.2	48.2#	

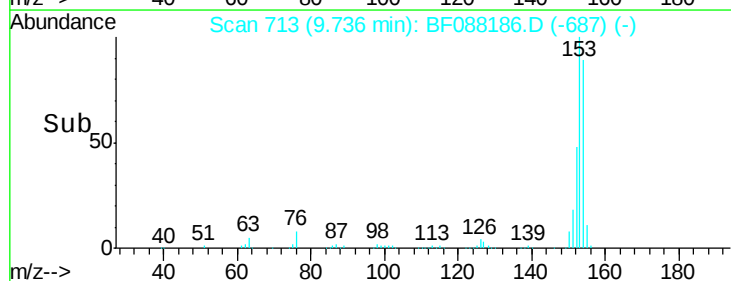
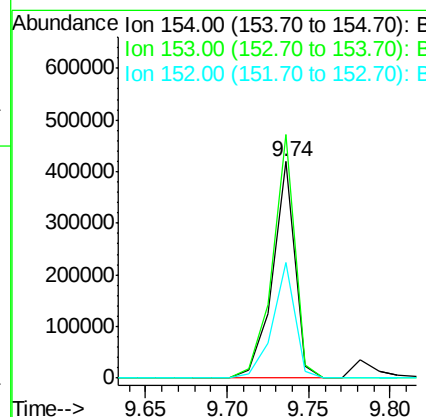
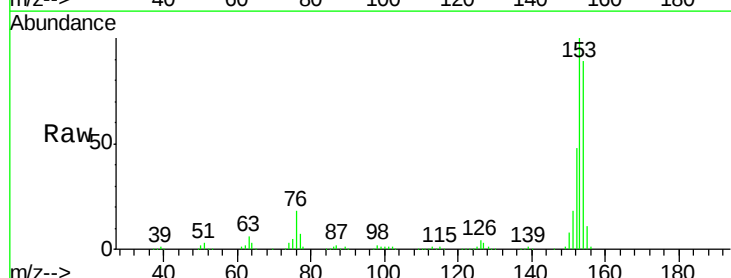
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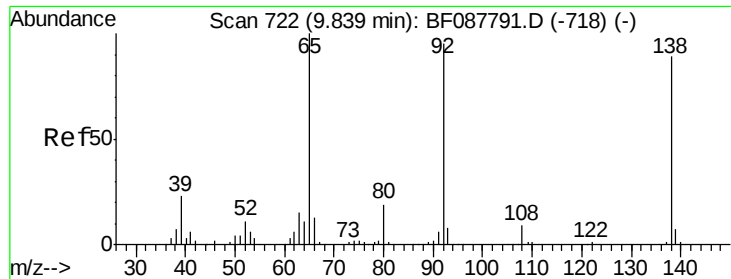
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#51
Acenaphthene
Concen: 33.93 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.5	89.5	134.3	
152	53.6	42.7	64.1	





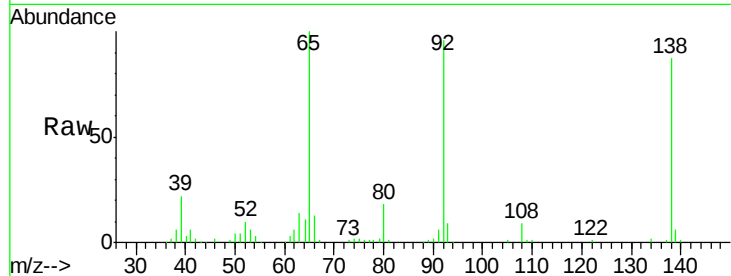
#52
 3-Nitroaniline
 Concen: 20.33 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampled :
 PB91400BS

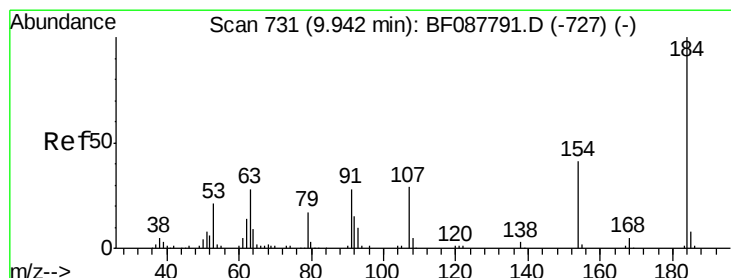
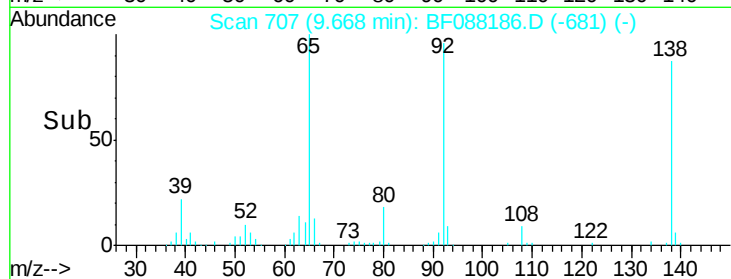
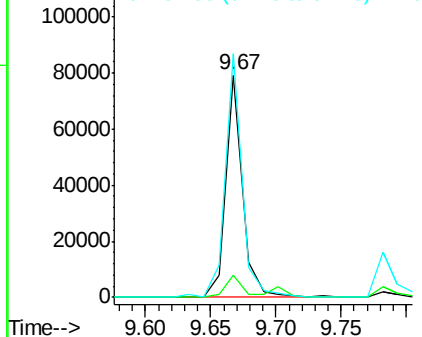
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.5	12.7
92	109.7	95.7	143.5

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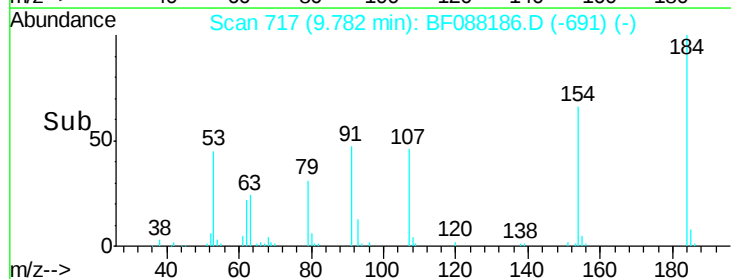
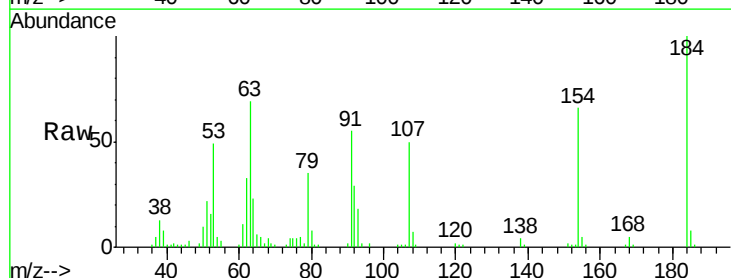
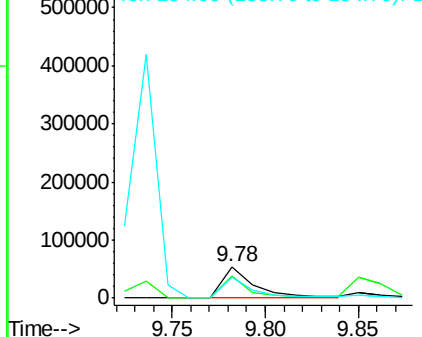
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

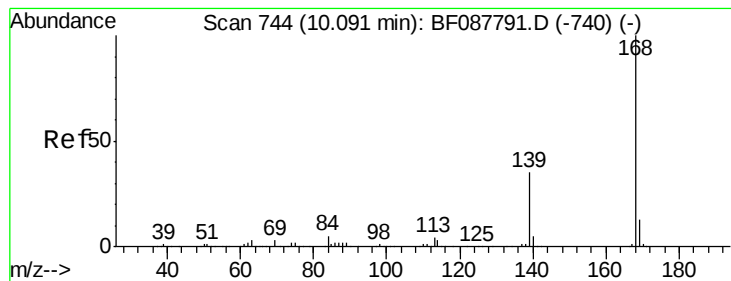


#53
 2,4-Dinitrophenol
 Concen: 46.71 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	57.6	86.4
154	66.3	53.5	80.3

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





#54

Dibenzofuran

Concen: 33.15 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

Tot Ion:168 Resp: 537780

Ion Ratio Lower Upper

168 100

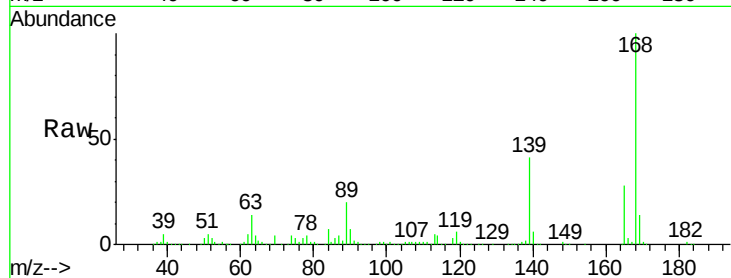
139 40.9 26.4 39.6#

169 13.6 10.4 15.6

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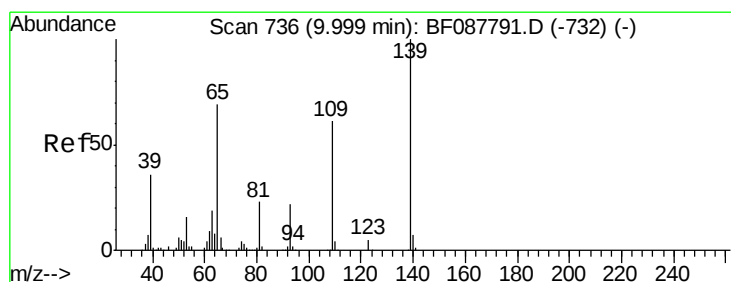
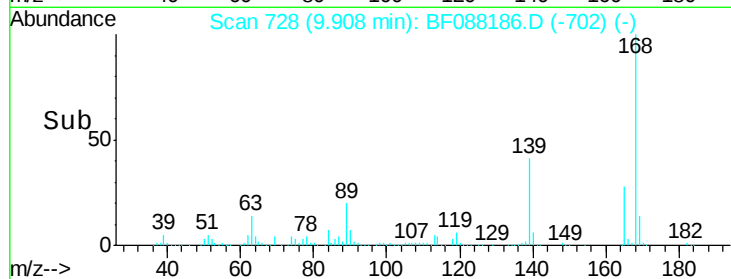
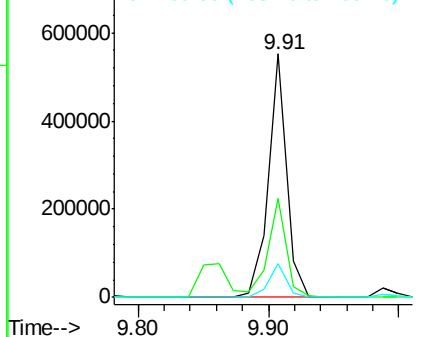
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 45.31 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

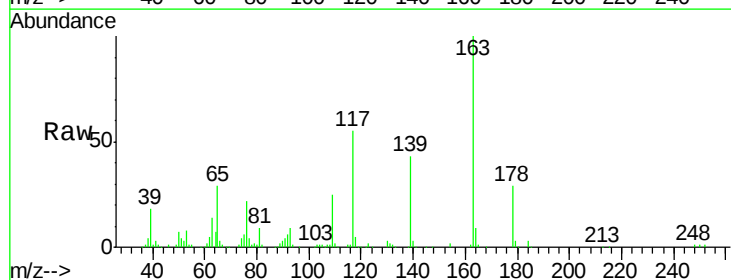
Tgt Ion:139 Resp: 123518

Ion Ratio Lower Upper

139 100

109 57.4 48.9 88.9

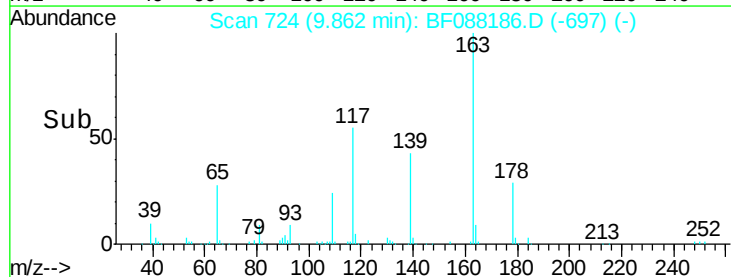
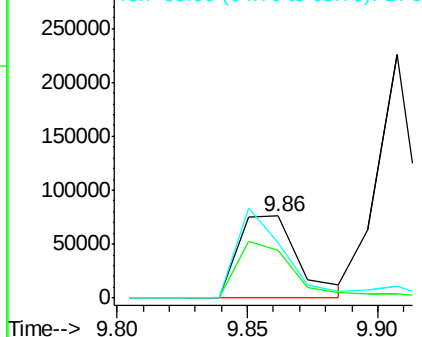
65 67.8 84.9 124.9#

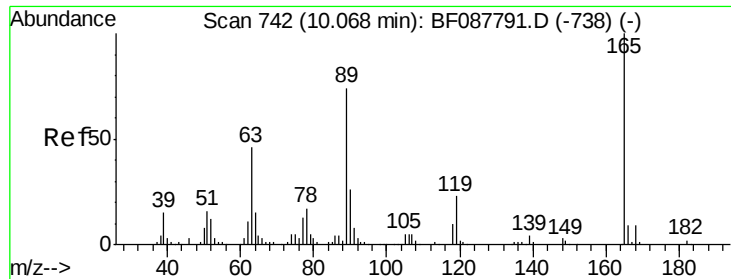


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 37.71 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

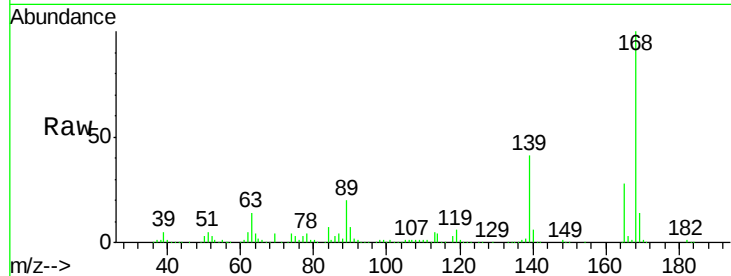
ClientSampleId :

PB91400BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	49.8	22.0	33.0#		
89	71.9	41.1	61.7#		
182	2.4	2.0	3.0		

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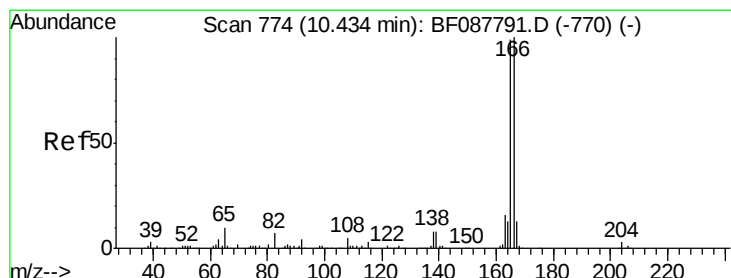
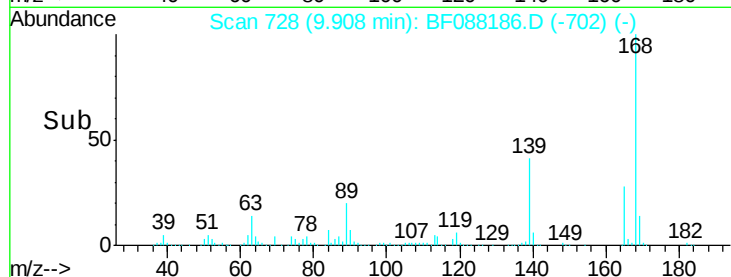
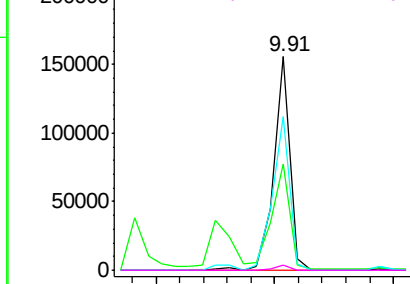


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.67 ng

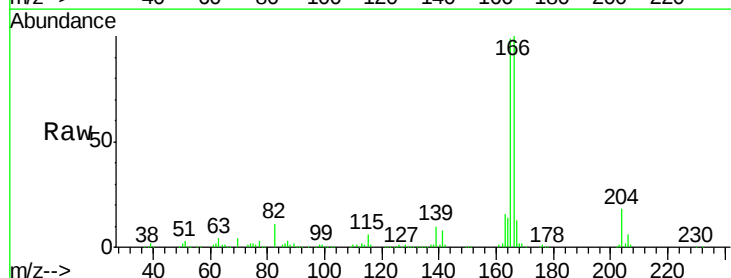
RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

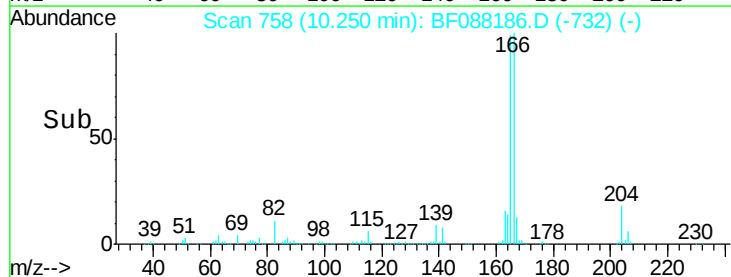
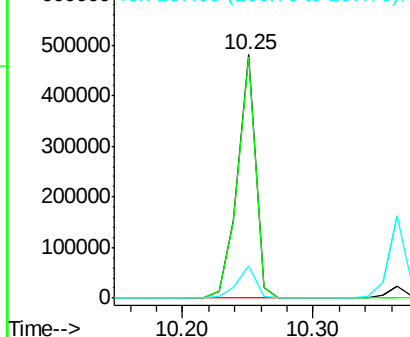
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.1	77.8	116.8		
167	13.3	11.2	16.8		



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





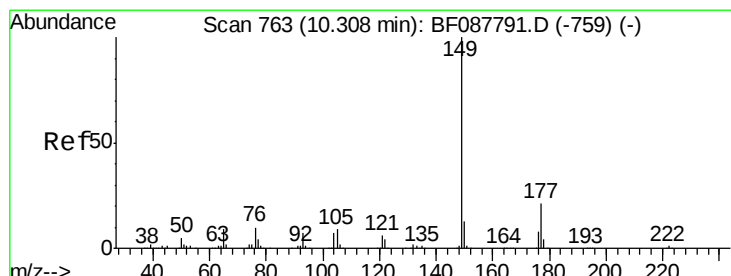
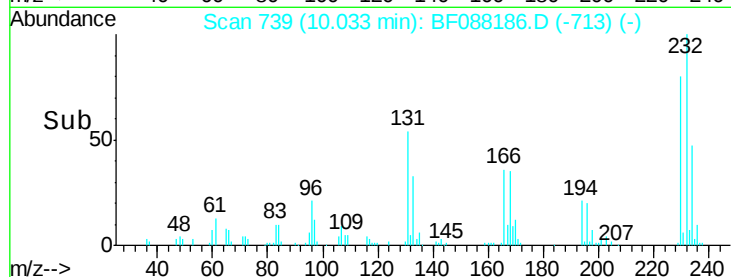
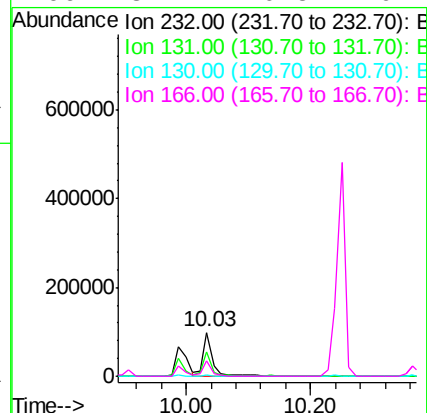
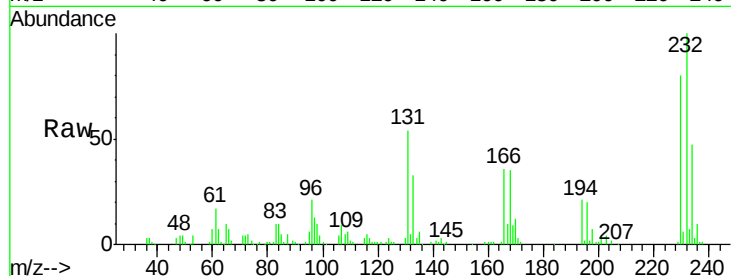
#58
2,3,4,6-Tetrachlorophenol
Concen: 35.96 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	49.6	0.9	1.3#
130	2.2	1.5	2.3
166	31.4	0.5	0.7#

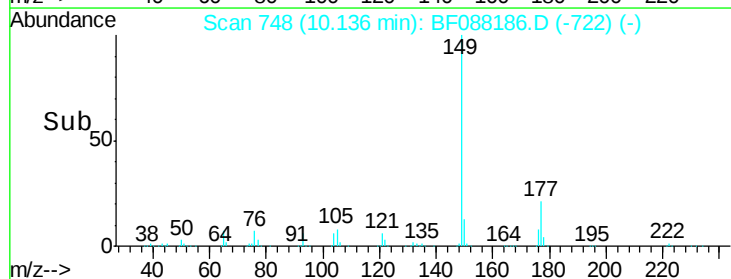
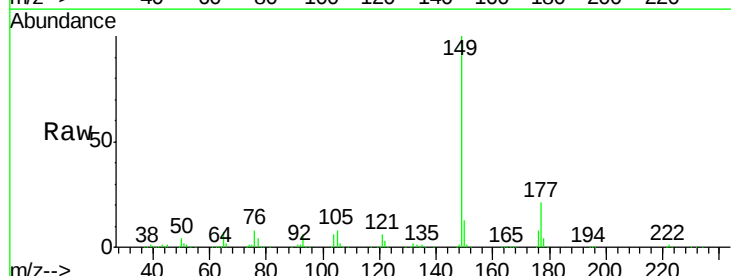
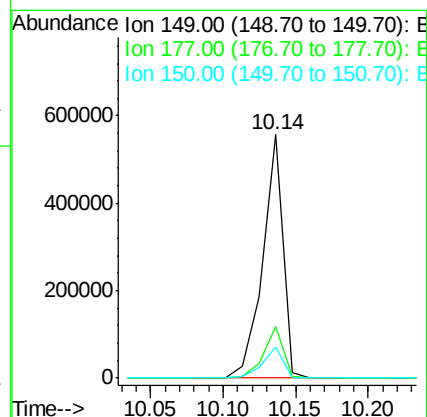
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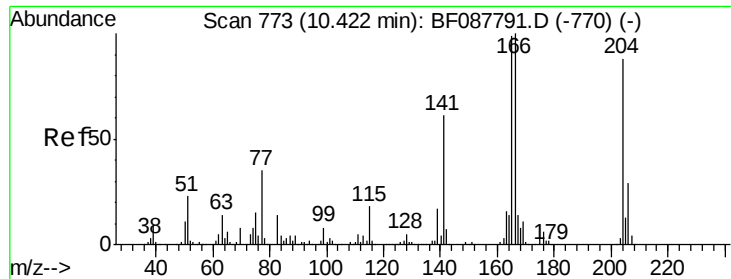
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#59
Diethylphthalate
Concen: 40.07 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.3	16.9	25.3
150	12.5	10.1	15.1





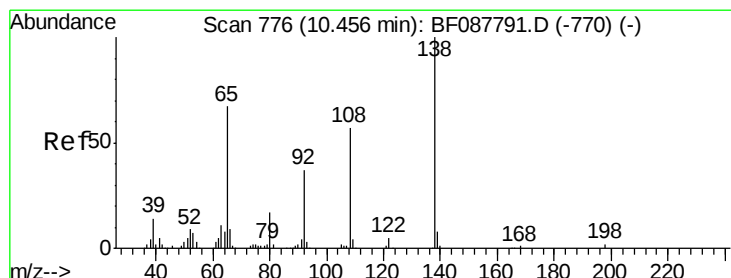
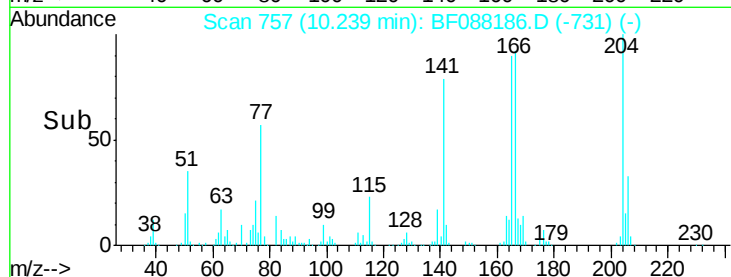
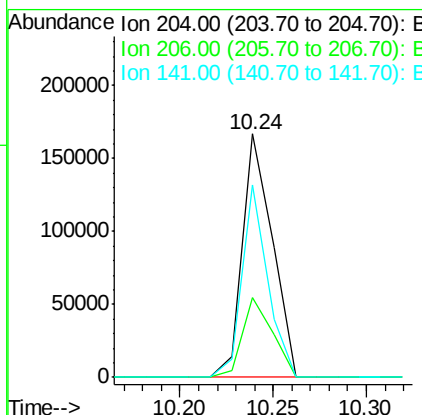
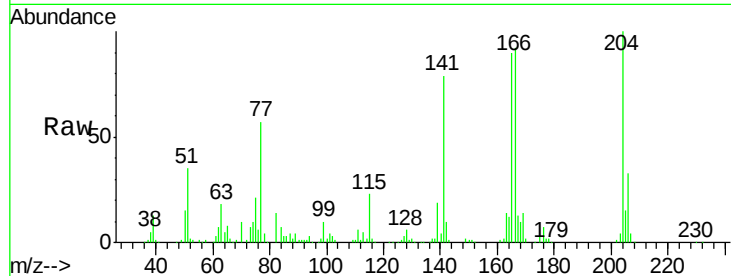
#60
4-Chlorophenyl-phenylether
Concen: 34.39 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	79.1	55.0	82.6

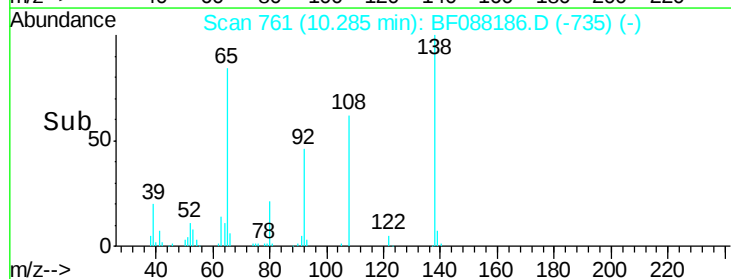
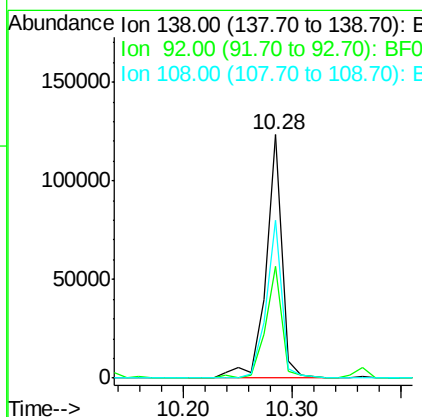
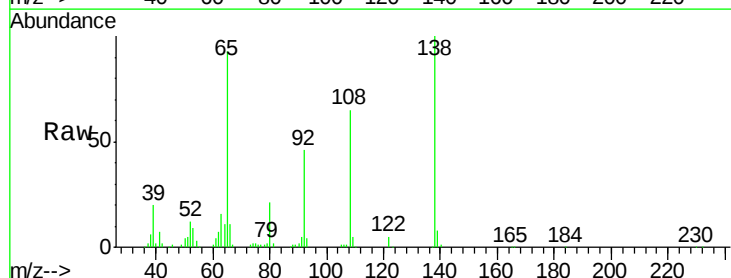
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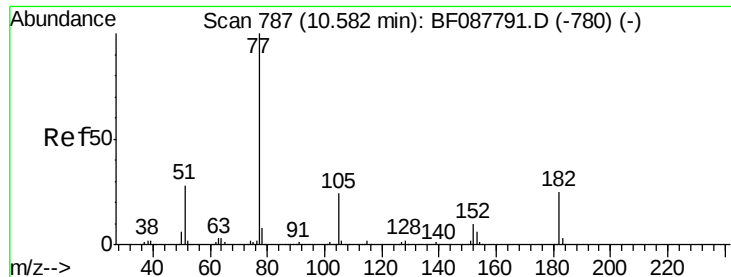
sohil
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#61
4-Nitroaniline
Concen: 38.30 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	27.3	67.3
108	64.7	46.7	86.7





#62

Azobenzene

Concen: 36.23 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

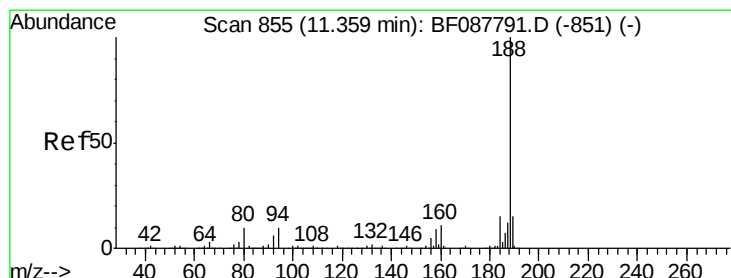
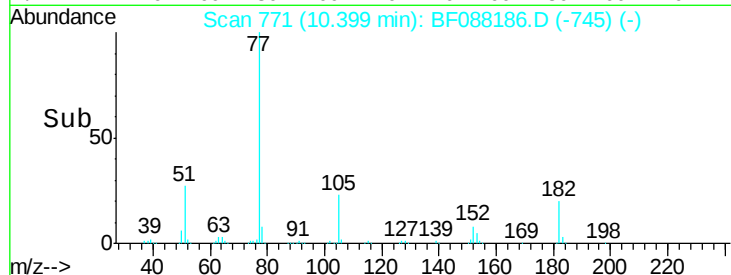
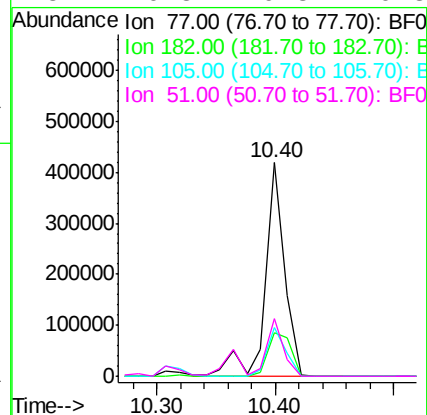
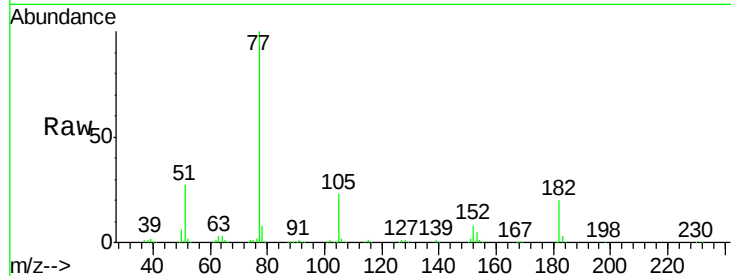
ClientSampleId :

PB91400BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		481935		
182	20.2	4.4	44.4		
105	22.7	3.8	43.8		
51	26.8	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

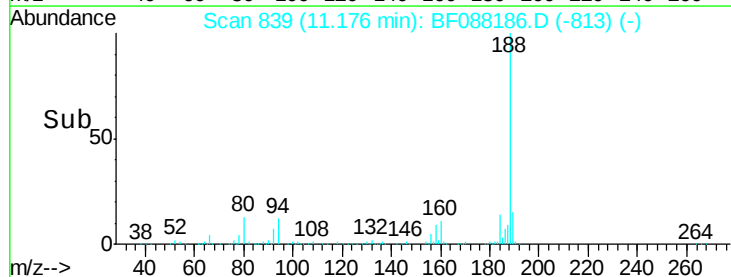
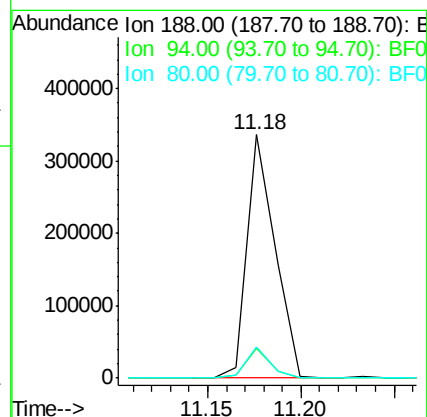
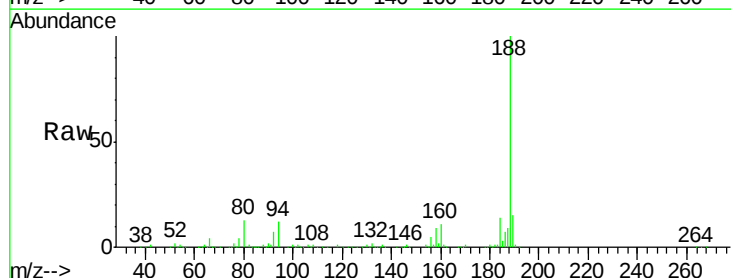
RT: 11.18 min Scan# 839

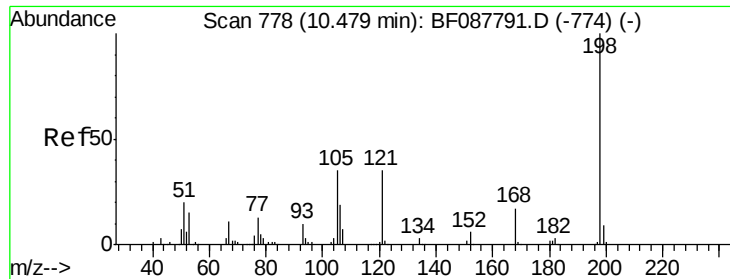
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		350019		
94	12.3	9.0	13.6		
80	12.9	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 29.07 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

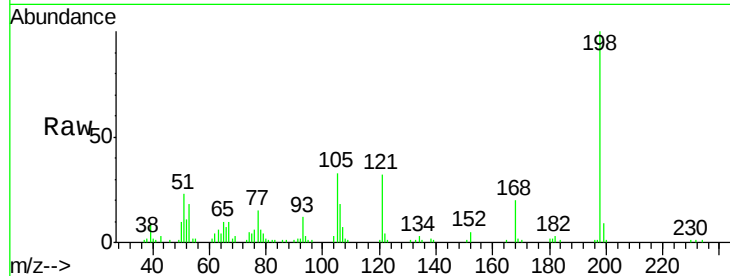
ClientSampleId :

PB91400BS

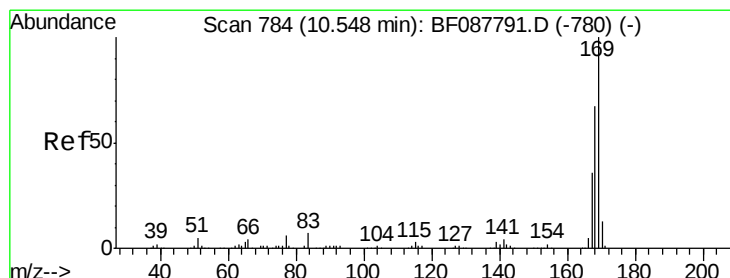
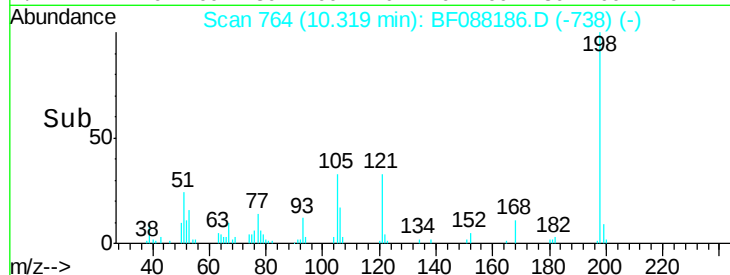
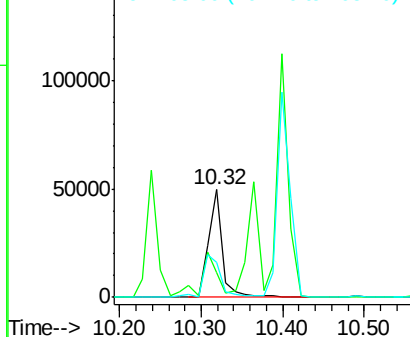
Tot Ion:	198	Resp:	61566
Ion Ratio	Lower	Upper	
198	100		
51	23.1	39.6	79.6#
105	32.8	36.6	76.6#

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



#65

n-Nitrosodiphenylamine

Concen: 35.71 ng

RT: 10.36 min Scan# 768

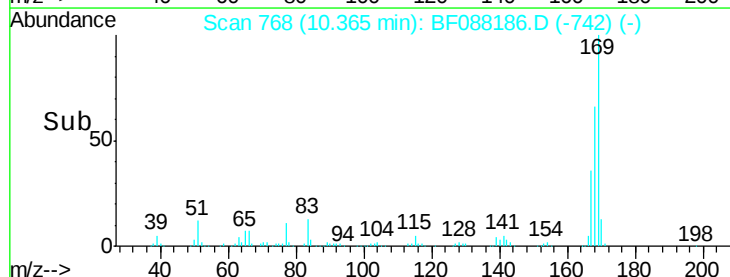
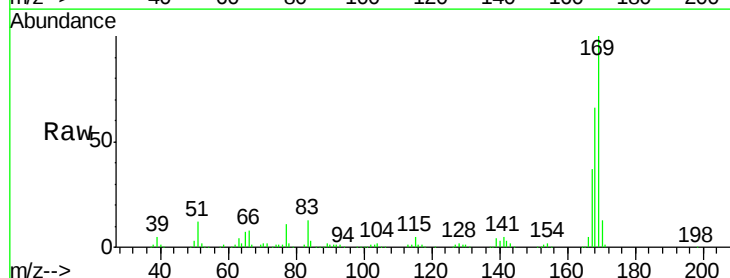
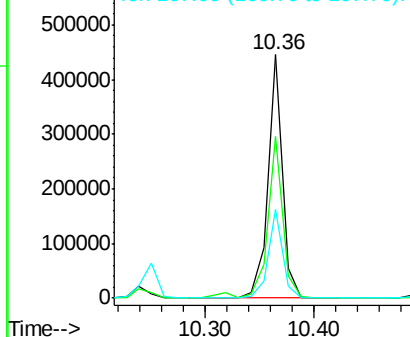
Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	169	Resp:	414728
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.4	80.0
167	36.5	29.4	44.0

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





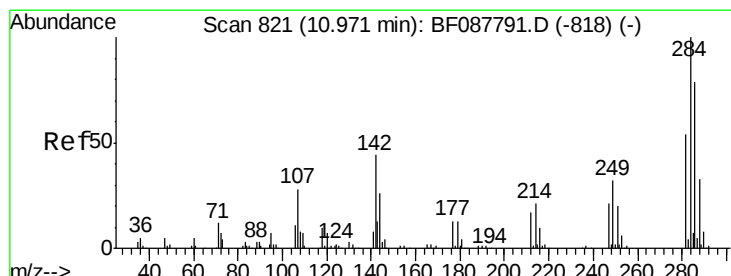
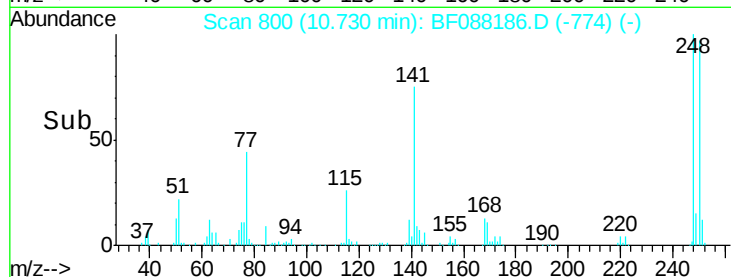
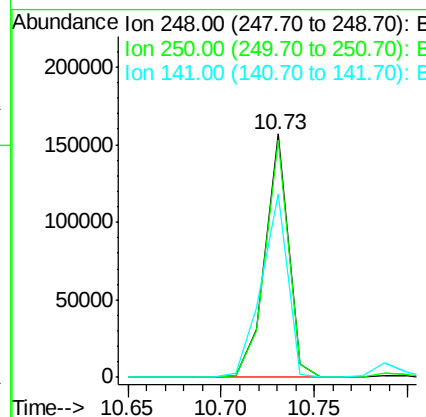
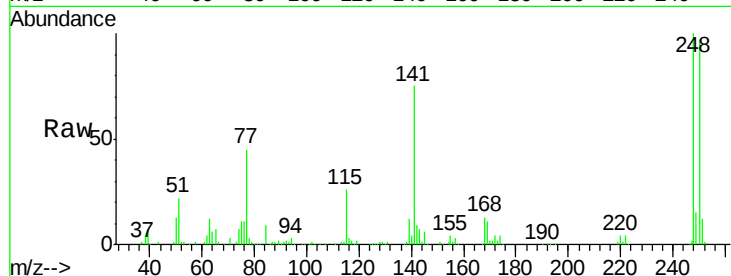
#66
 4-Bromophenyl-phenylether
 Concen: 36.18 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	75.1	50.6	76.0

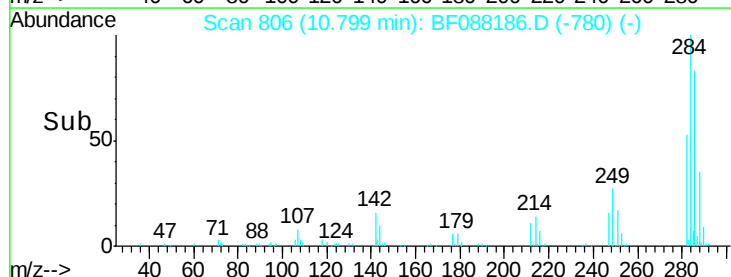
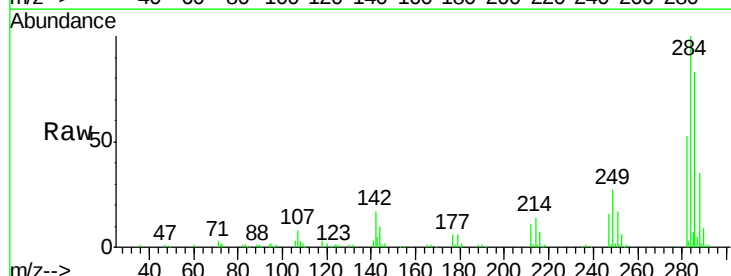
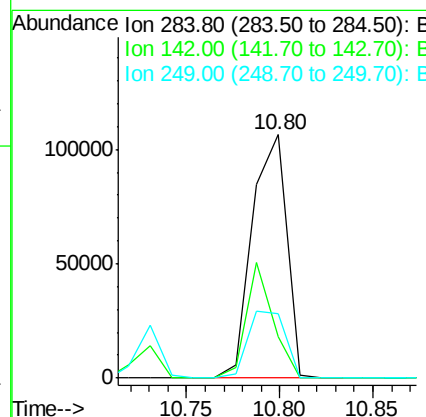
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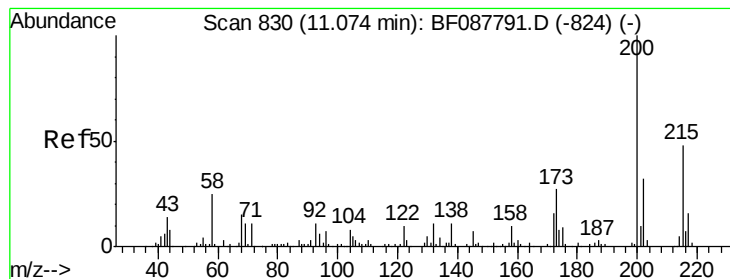
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#67
 Hexachlorobenzene
 Concen: 34.80 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.0	35.8	53.8#
249	26.6	25.8	38.6





#68

Atrazine

Concen: 38.53 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

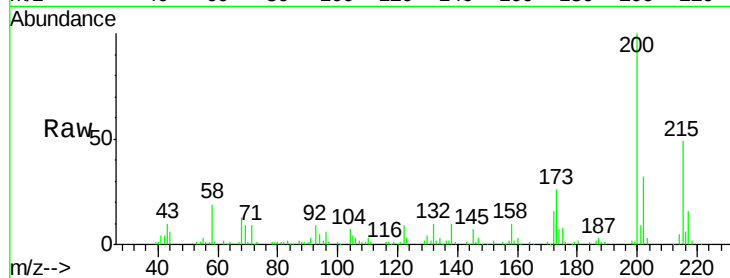
ClientSampled :

PB91400BS

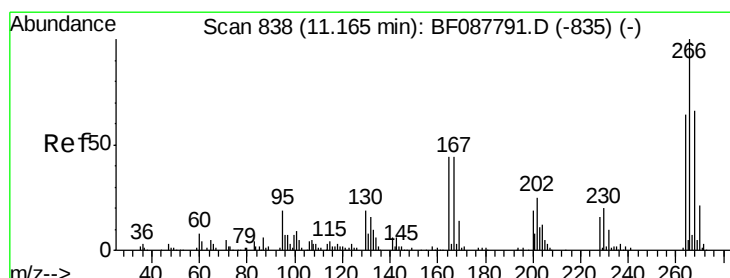
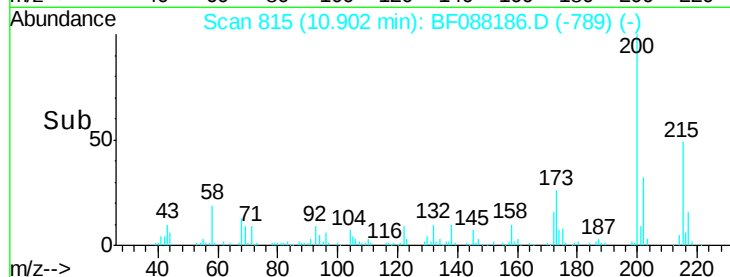
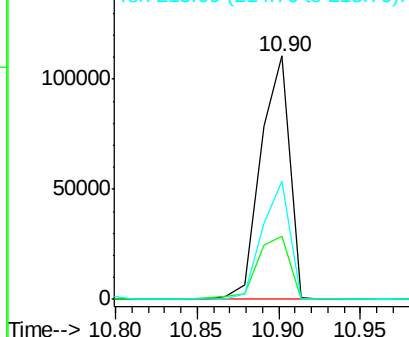
Tot Ion:	200	Resp:	135522
Ion Ratio	Lower	Upper	
200	100		
173	25.7	4.0	44.0
215	48.6	29.3	69.3

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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: 43.98 ng

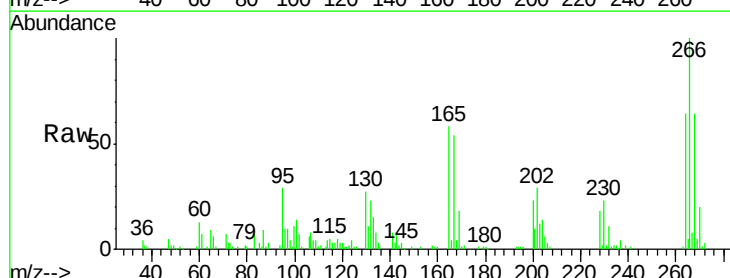
RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

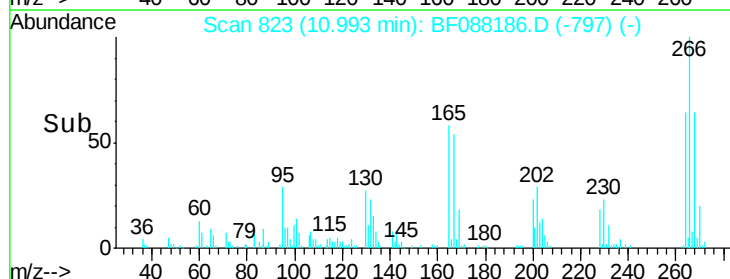
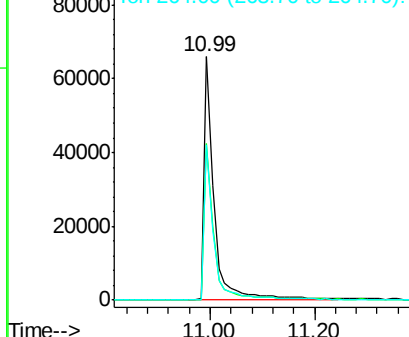
Lab File: BF088186.D

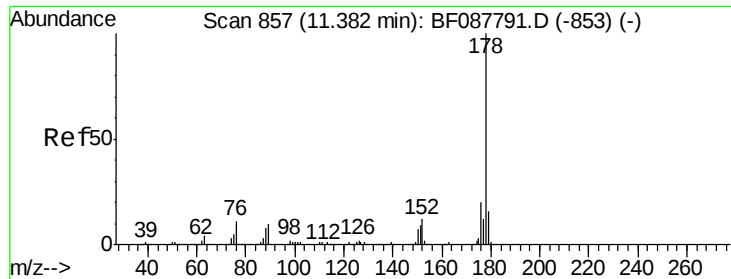
Acq: 20 Jun 2016 22:20

Tgt Ion:	266	Resp:	90451
Ion Ratio	Lower	Upper	
266	100		
268	64.2	52.8	79.2
264	64.0	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





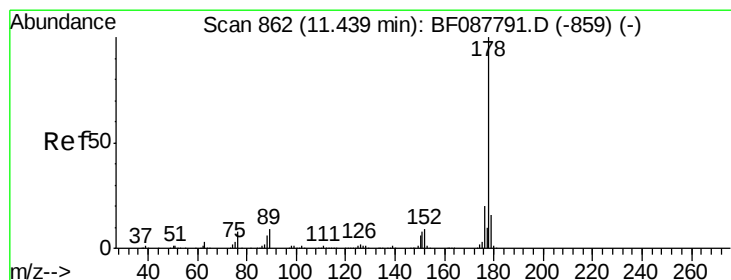
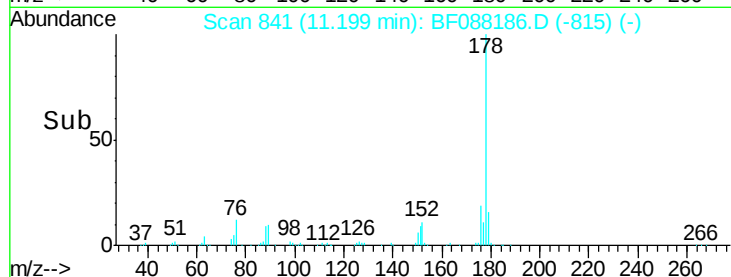
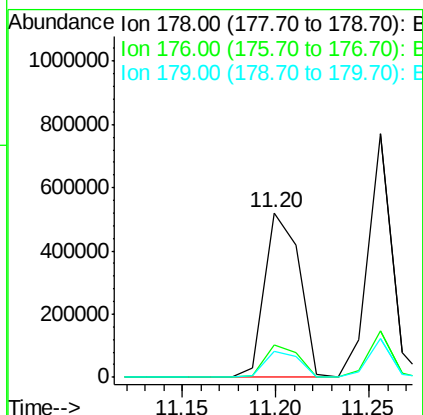
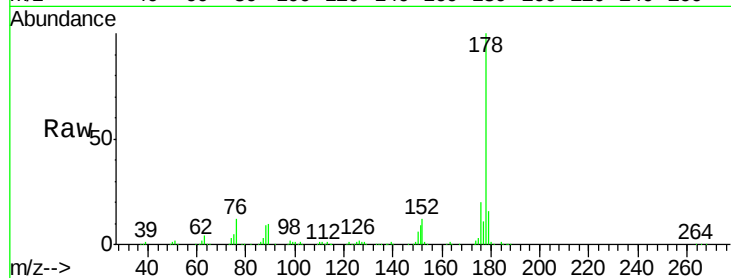
#70
Phenanthrene
Concen: 36.61 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.0	13.0	19.4

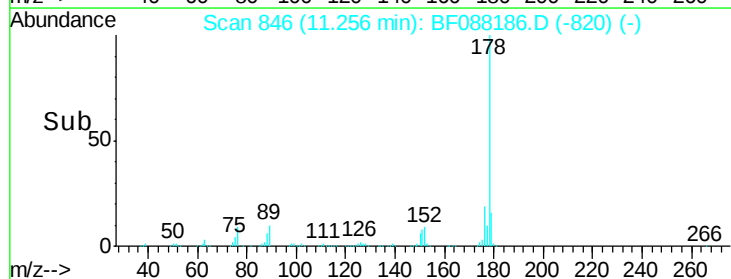
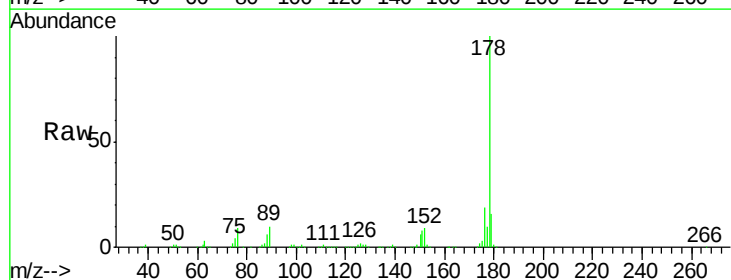
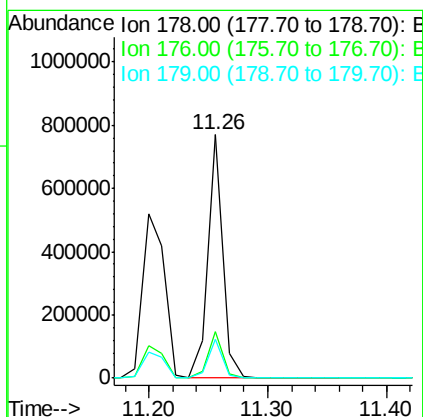
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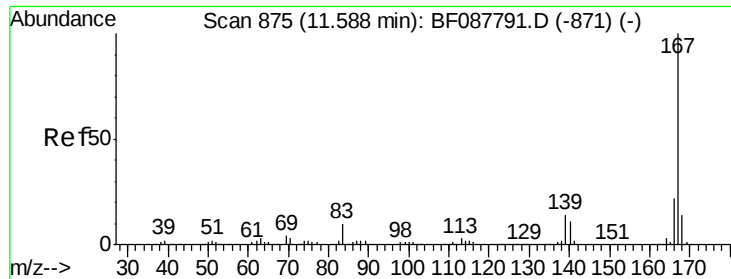
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#71
Anthracene
Concen: 36.17 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.1	12.8	19.2





#72

Carbazole

Concen: 37.50 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF088186.D

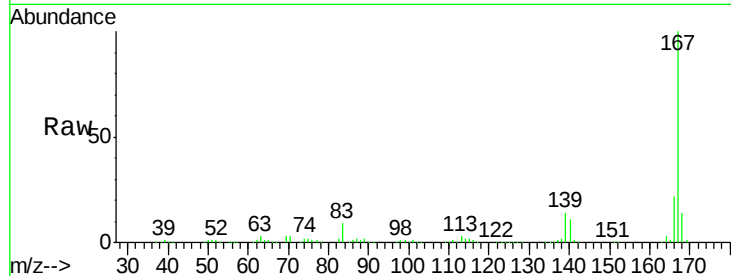
Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

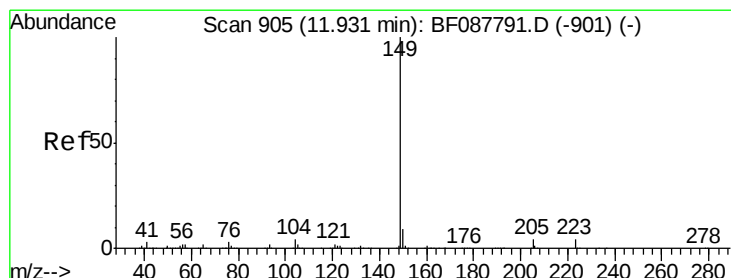
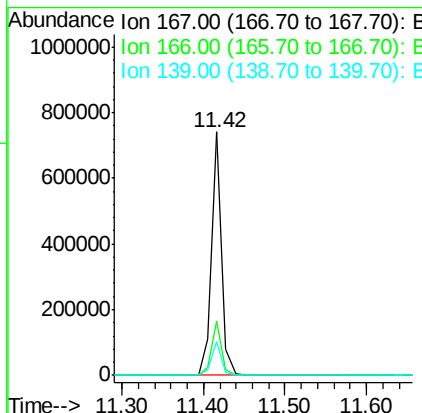
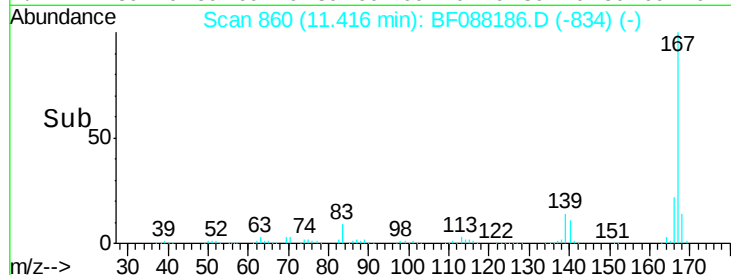
PB91400BS



Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.3	17.8	26.6	
139	13.7	11.2	16.8	

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#73

Di-n-butylphthalate

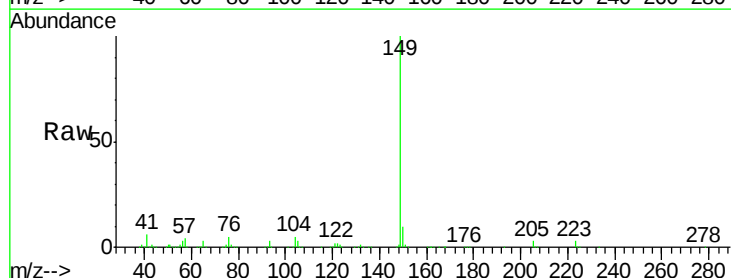
Concen: 35.59 ng

RT: 11.75 min Scan# 889

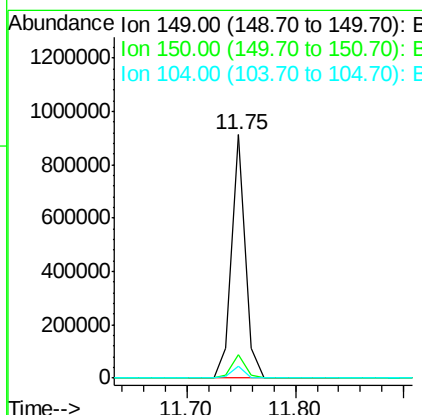
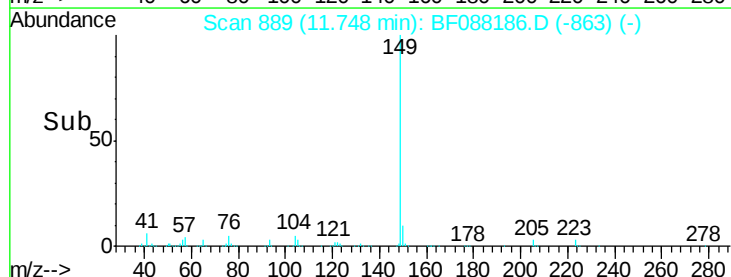
Delta R.T. -0.00 min

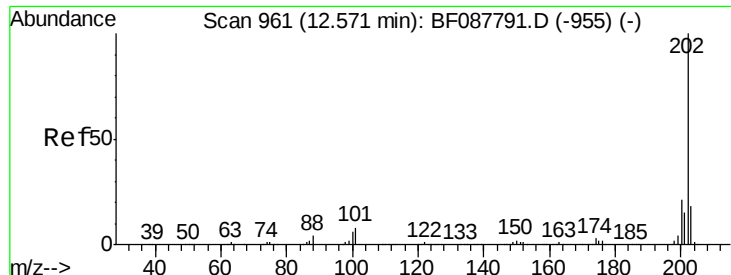
Lab File: BF088186.D

Acq: 20 Jun 2016 22:20



Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.8	11.6	
104	4.9	4.0	6.0	





#74

Fluoranthene

Concen: 37.13 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

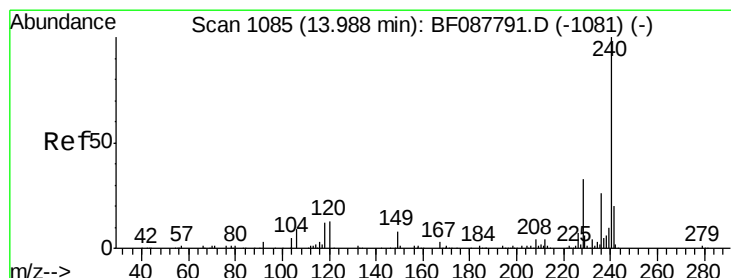
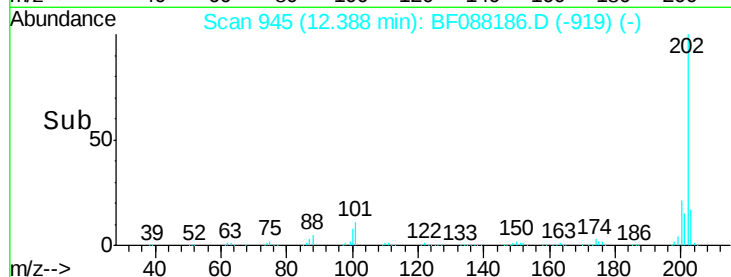
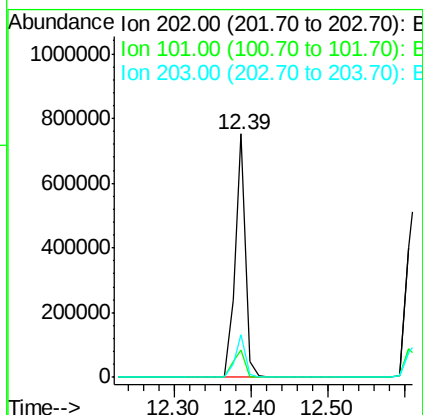
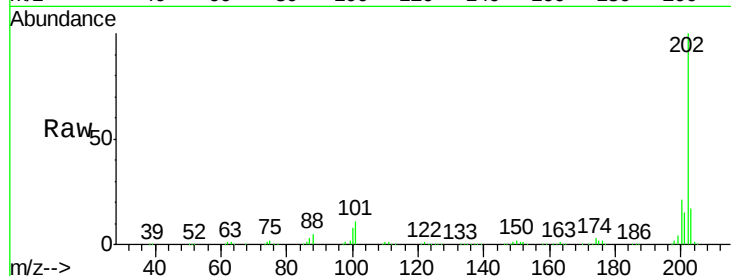
ClientSampleID :

PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	719620		
101	11.2	0.0	33.1	
203	17.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

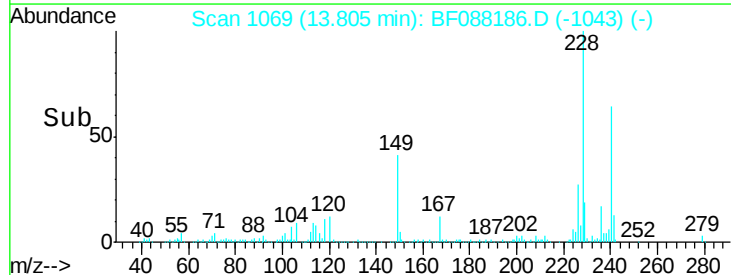
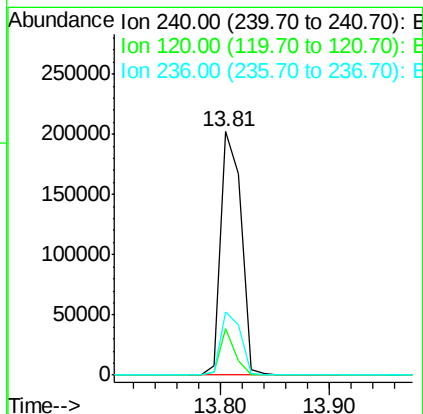
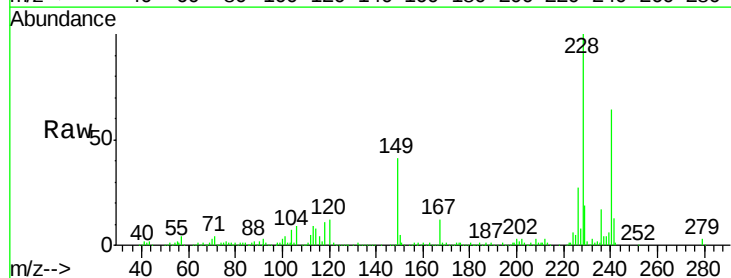
RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	263752		
120	19.4	6.8	10.2#	
236	26.2	20.2	30.2	





#76

Benzidine

Concen: 33.61 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

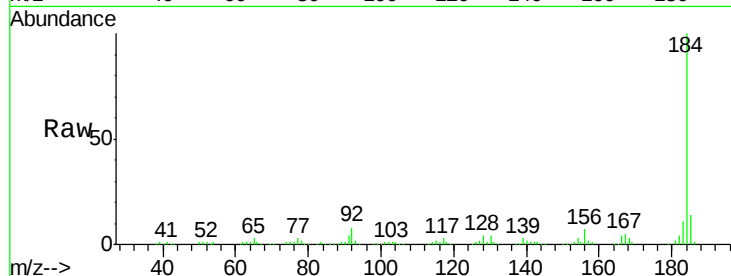
ClientSampleId :

PB91400BS

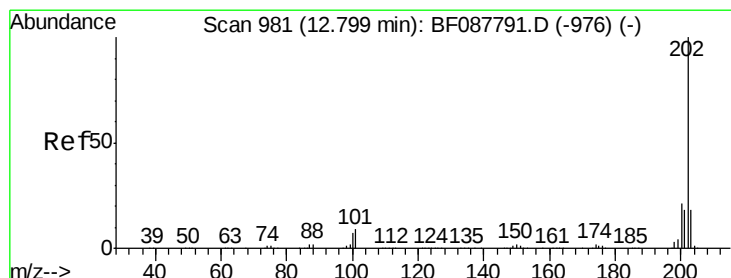
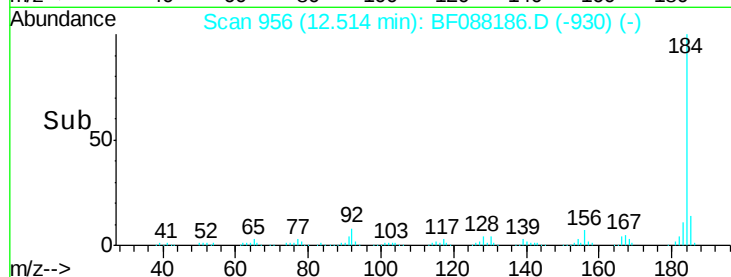
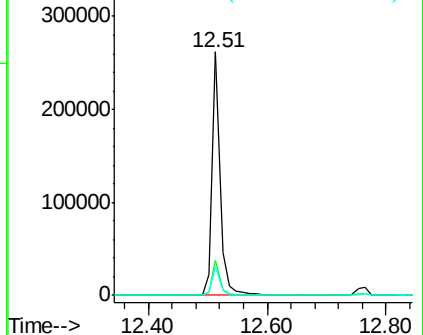
Tot Ion	Ratio	Resp	Lower	Upper
184	100	245462		
185	14.4		12.5	18.7
183	11.5		9.3	13.9

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



#77

Pyrene

Concen: 37.13 ng

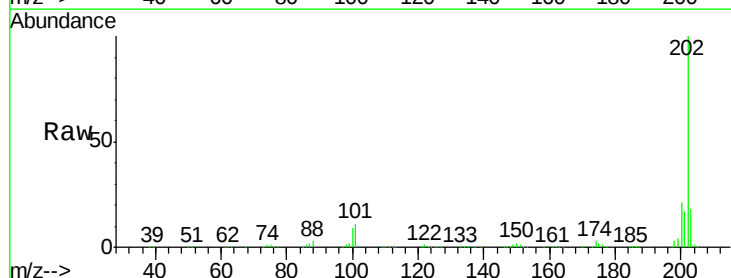
RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

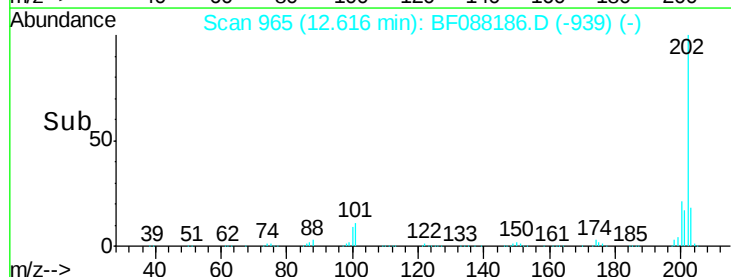
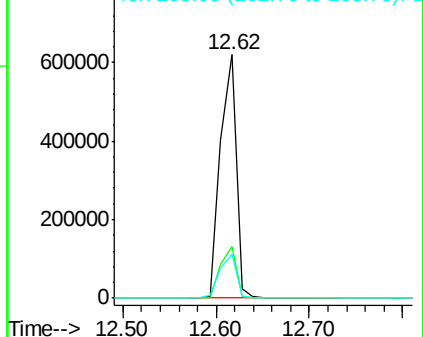
Lab File: BF088186.D

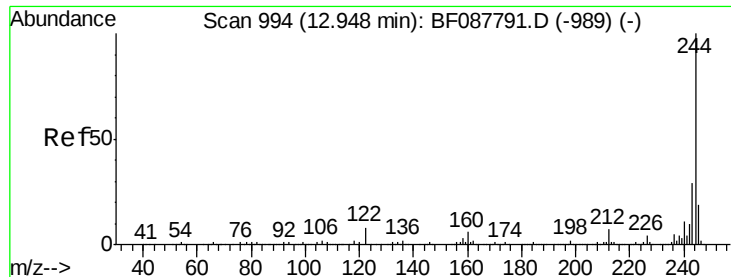
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	726723		
200	21.4		17.4	26.2
203	17.8		14.5	21.7



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





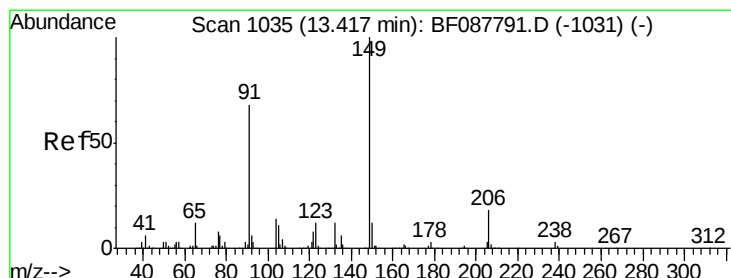
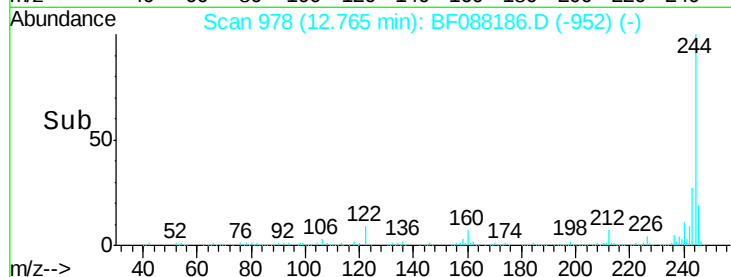
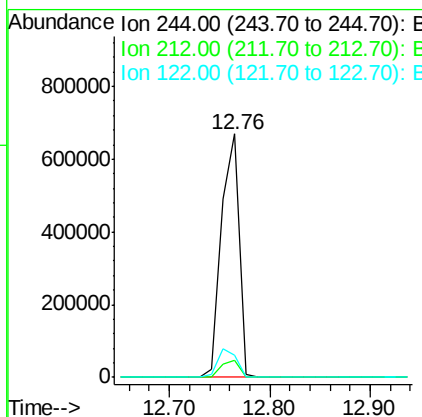
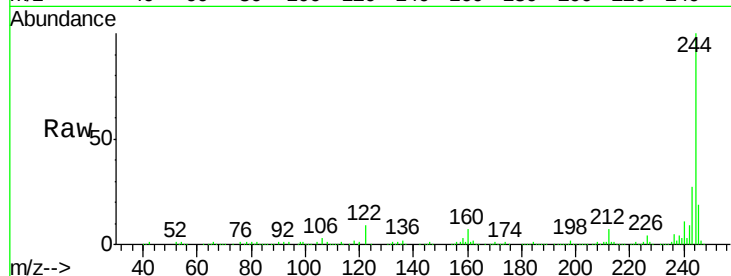
#78
 Terphenyl-d14
 Concen: 70.72 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	819709		
212	6.9	6.0	9.0	
122	9.0	11.2	16.8	

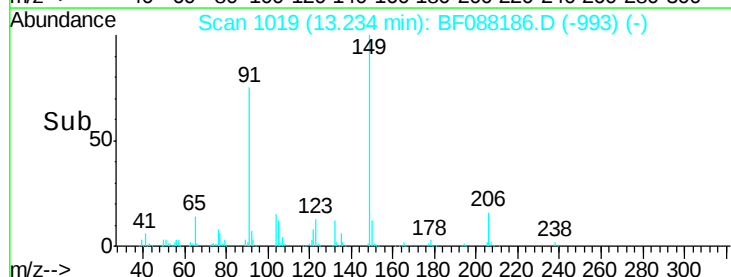
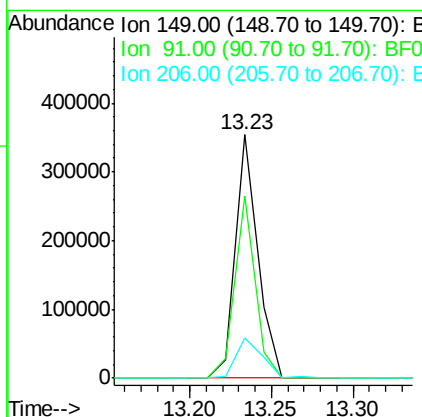
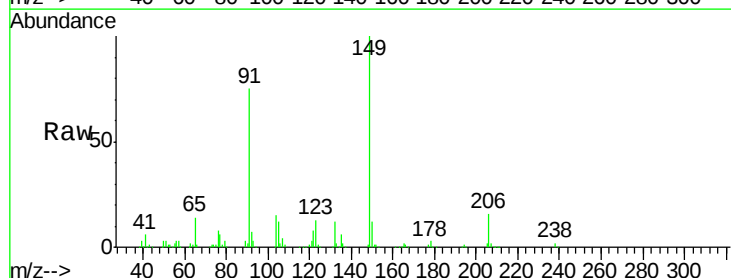
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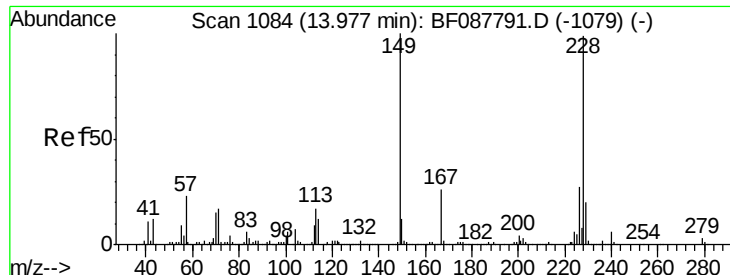
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#79
 Butylbenzylphthalate
 Concen: 38.41 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	332374		
91	74.6	48.0	72.0	
206	16.3	16.0	24.0	





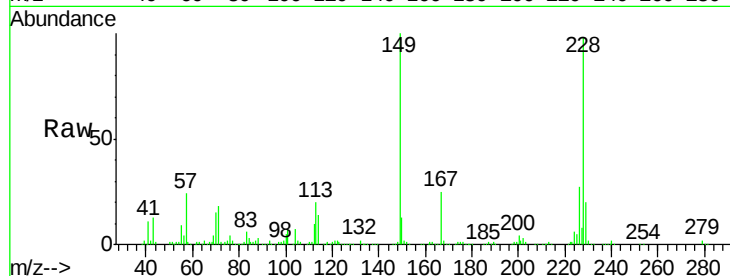
#80
Benzo(a)anthracene
Concen: 35.30 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

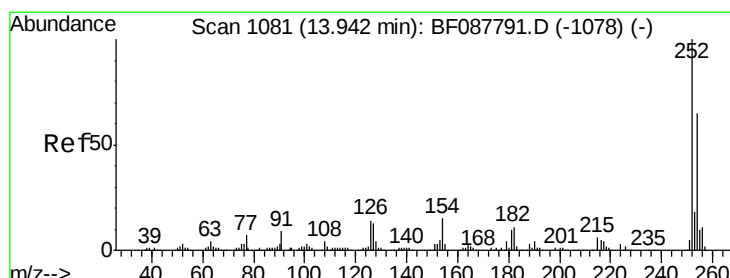
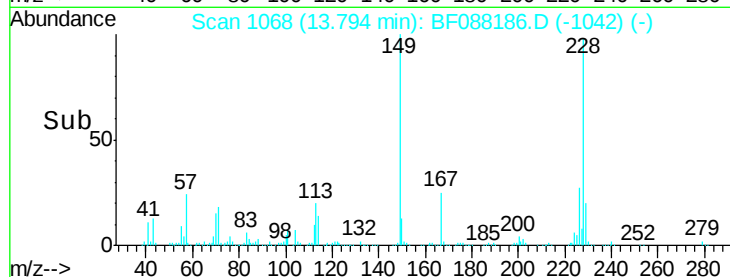
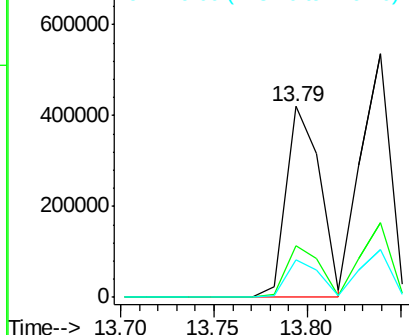
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	20.0	16.0	24.0

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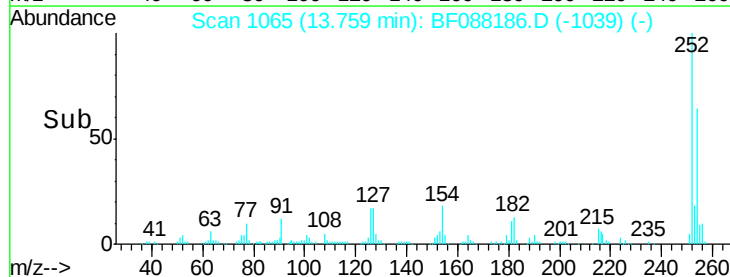
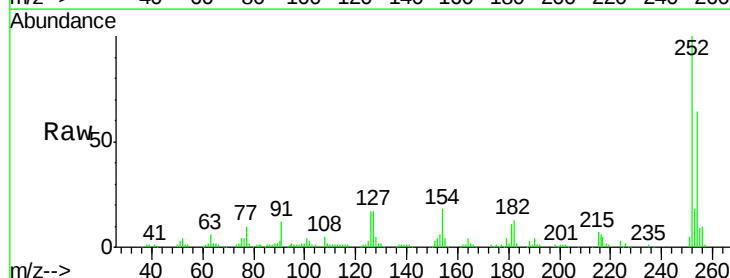
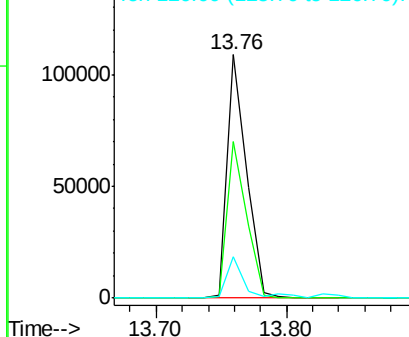
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

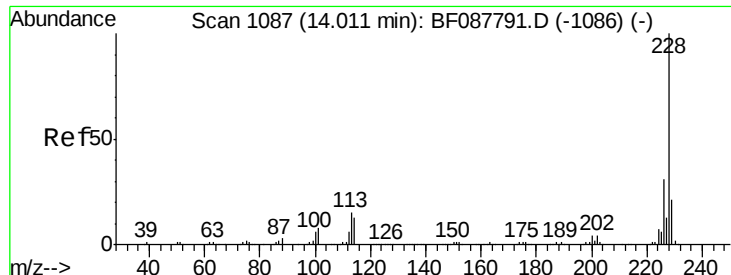


#81
3,3'-Dichlorobenzidine
Concen: 27.77 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	17.2	6.2	9.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





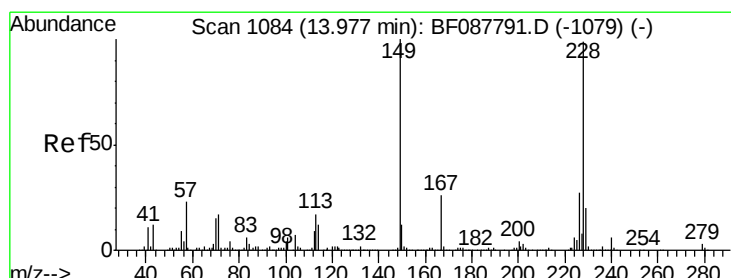
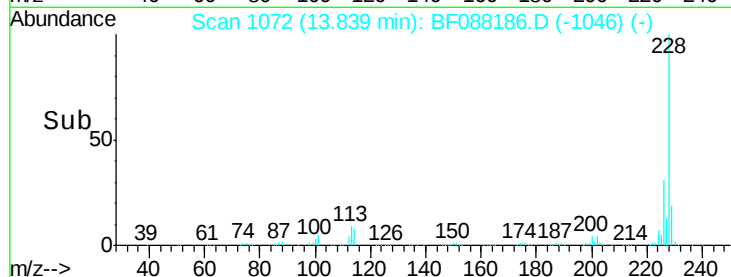
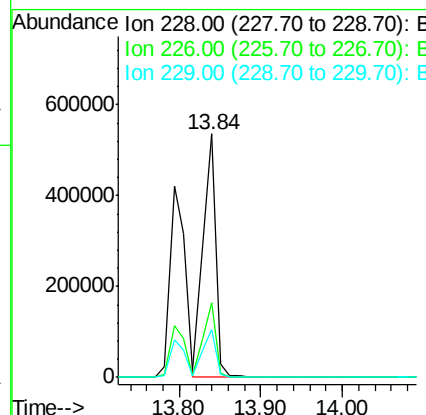
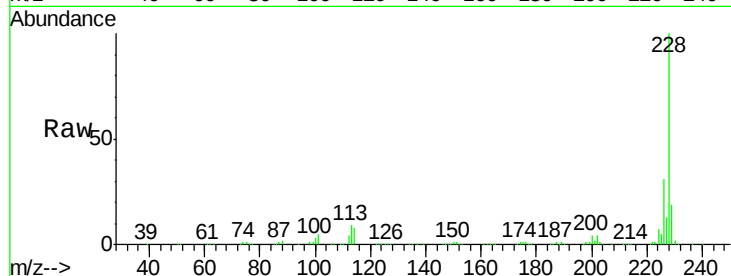
#82
Chrysene
Concen: 42.11 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	595487		
226	30.5		25.4	38.2
229	19.5		16.3	24.5

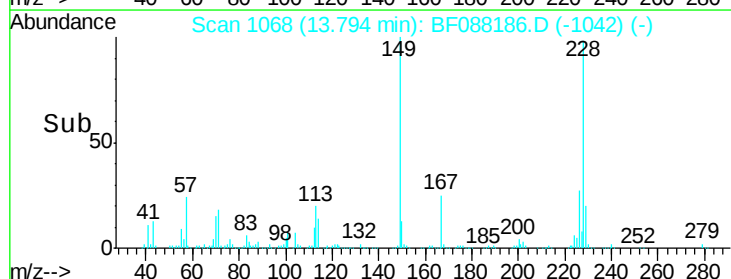
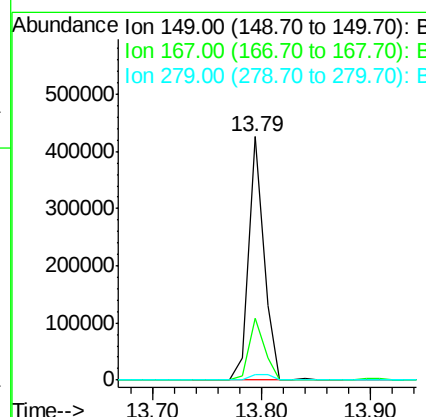
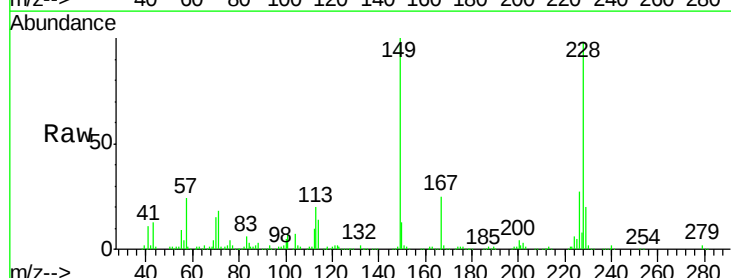
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#83
Bis(2-ethylhexyl)phthalate
Concen: 39.16 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	412442		
167	25.3		20.5	30.7
279	2.4		2.0	3.0





#84

Di-n-octyl phthalate

Concen: 47.26 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

Tot Ion:149 Resp: 808965

Ion Ratio Lower Upper

149 100

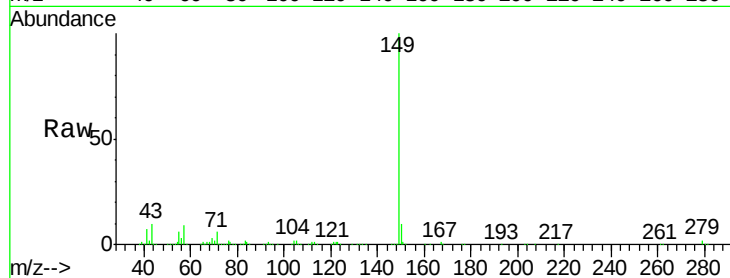
167 1.5 0.0 0.0#

43 7.5 0.0 0.0#

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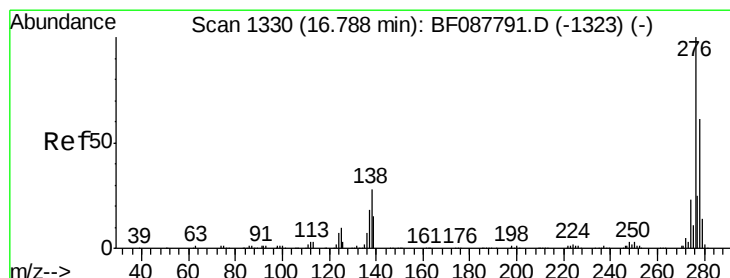
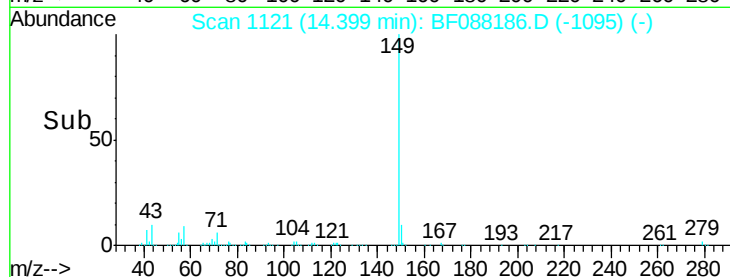
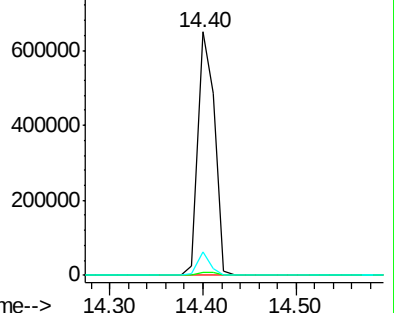
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.59 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

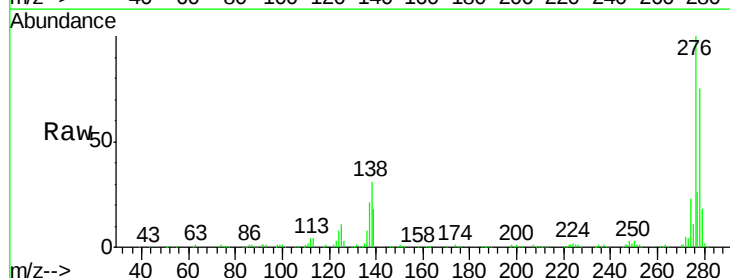
Tgt Ion:276 Resp: 467537

Ion Ratio Lower Upper

276 100

138 30.9 0.0 0.0#

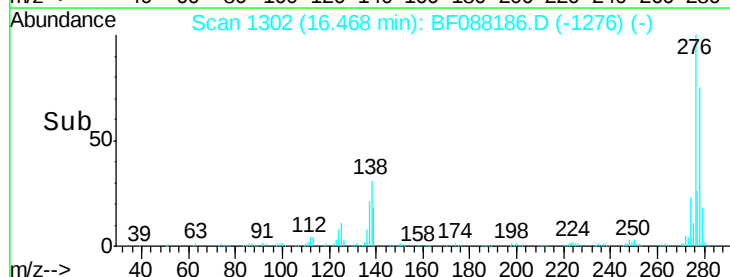
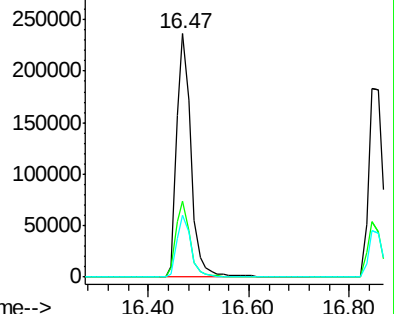
277 25.1 0.0 0.0#

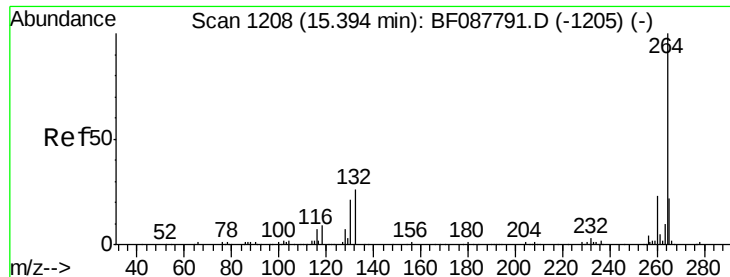


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





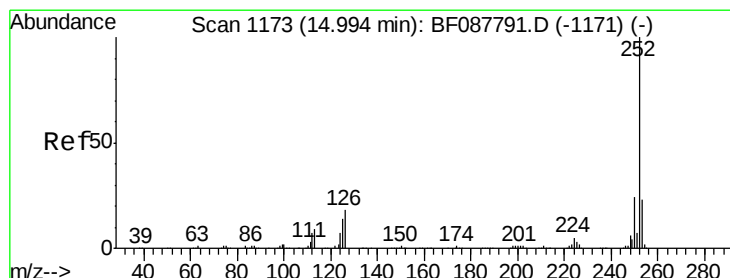
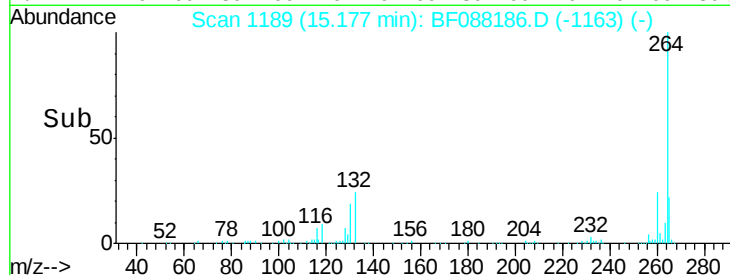
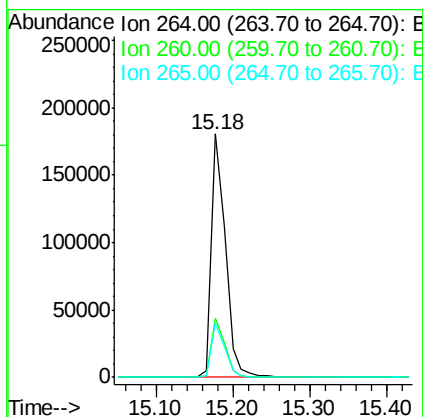
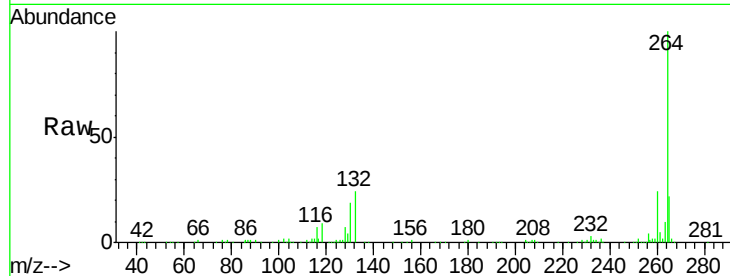
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.1	19.2	28.8		
265	22.0	16.9	25.3		

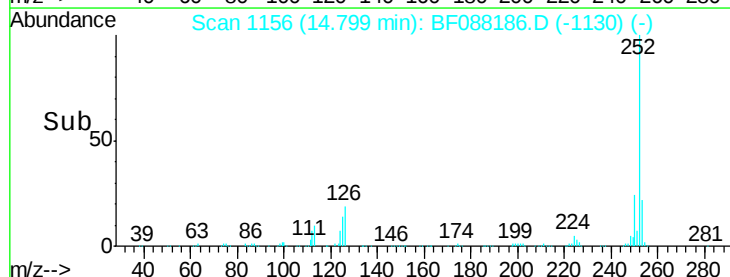
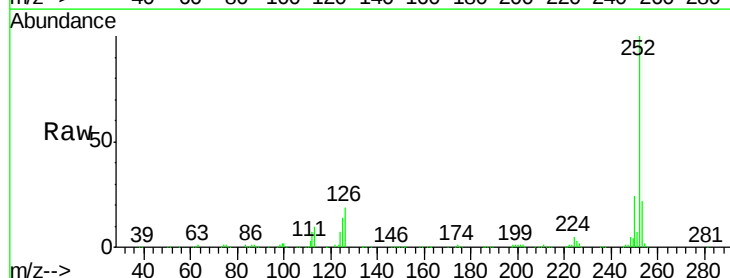
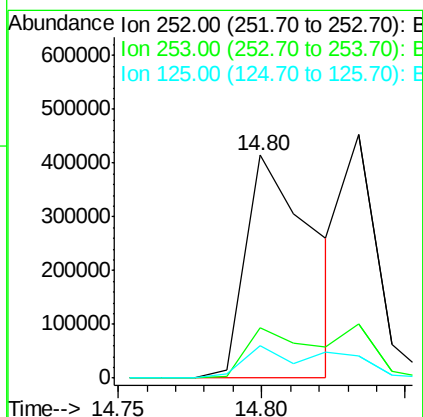
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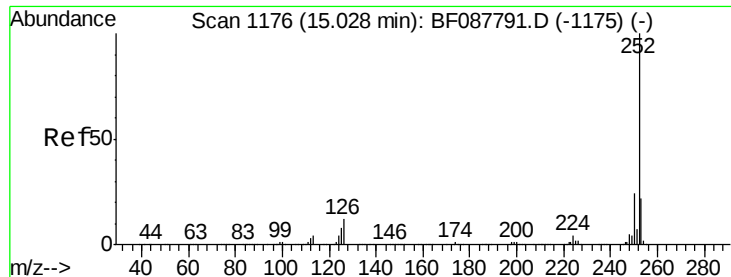
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#87
Benzo(b)fluoranthene
Concen: 42.84 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.3	17.4	26.2		
125	14.4	7.1	10.7#		





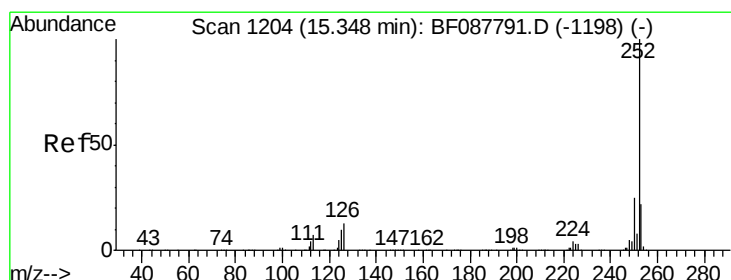
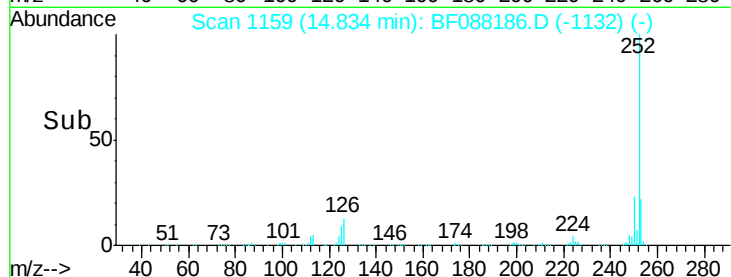
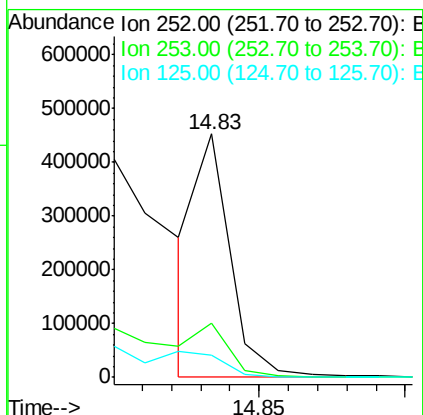
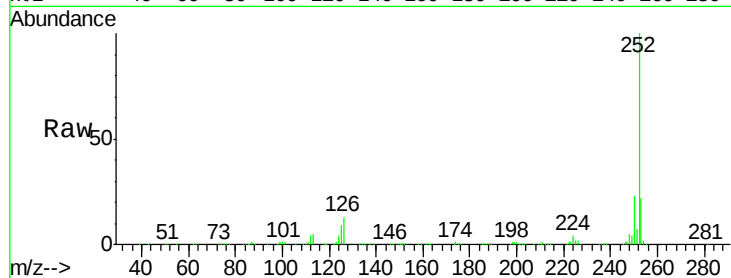
#88
Benzo(k)fluoranthene
Concen: 30.66 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.1	11.2	16.8

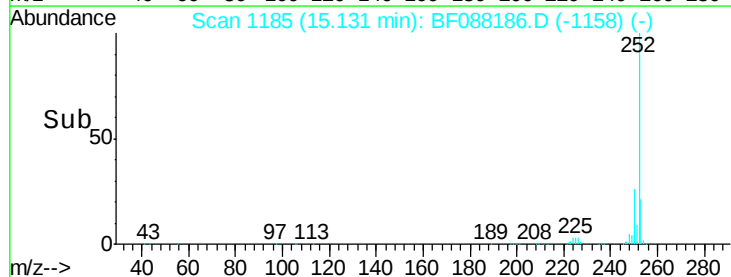
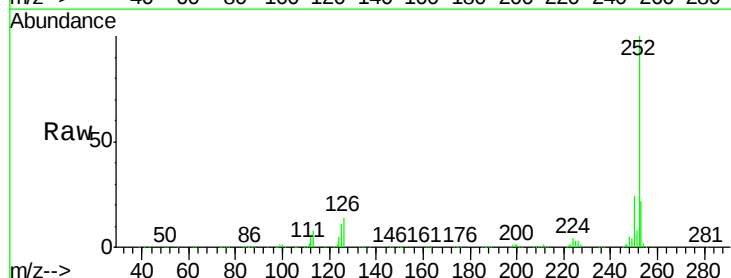
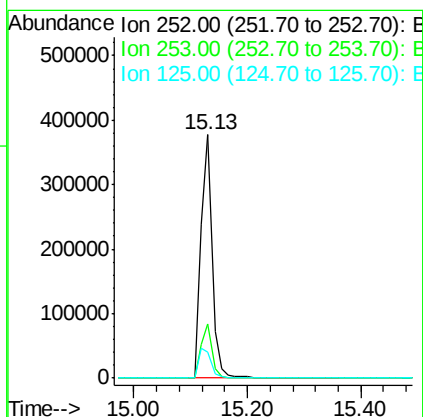
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#89
Benzo(a)pyrene
Concen: 38.57 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.8	12.5	18.7





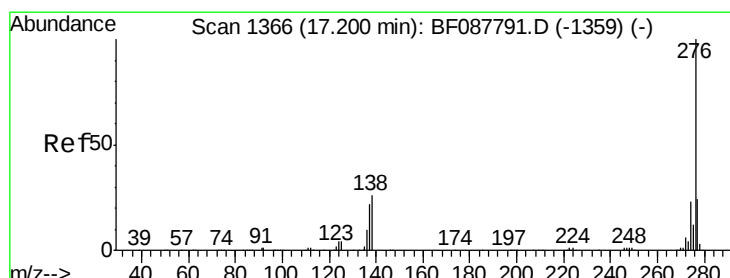
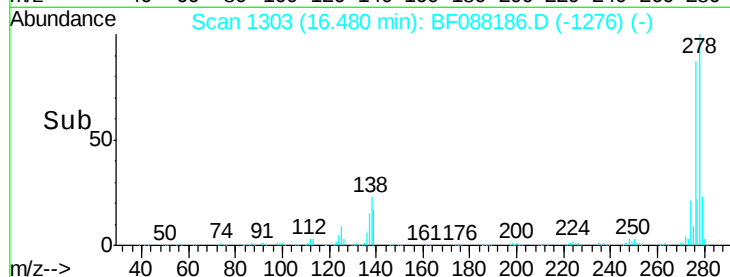
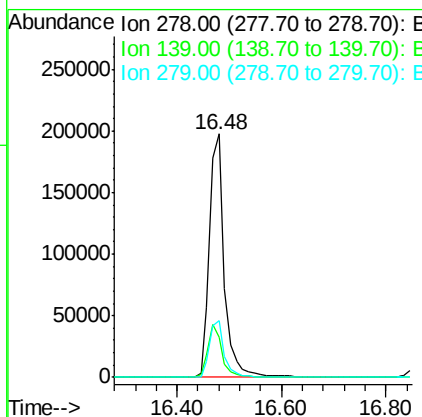
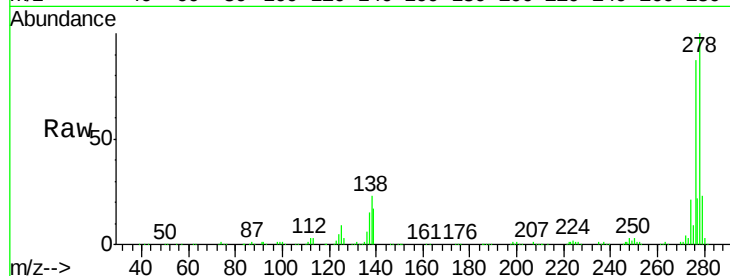
#90
Dibenzo(a,h)anthracene
Concen: 32.91 ng
RT: 16.48 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampled :
PB91400BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.7	23.5
279	23.1	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 33.11 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	29.4	21.4	32.2

