

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088233.D
 Acq On : 22 Jun 2016 1:06
 Operator : UM/SJ
 Sample : PB91471BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Manual Integrations
 APPROVED

sohil
 6/22/2016 6:08:02 PM

Quant Time: Jun 22 01:43:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	86251	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	334118	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	157742	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	290521	20.00	ng	0.00
75) Chrysene-d12	13.79	240	207937	20.00	ng	0.00
86) Perylene-d12	15.17	264	177178	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	641088	127.07	ng	0.01
7) Phenol-d6	6.31	99	748713	122.45	ng	0.00
23) Nitrobenzene-d5	7.22	82	447746	78.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	170235	102.21	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	824795	81.94	ng	0.00
78) Terphenyl-d14	12.75	244	796378	87.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	77820	31.74	ng	# 34
3) Pyridine	2.84	79	221824	38.32	ng	91
4) n-Nitrosodimethylamine	2.80	42	91087	37.16	ng	79
6) Aniline	6.32	93	144834	16.64	ng	# 1
8) 2-Chlorophenol	6.44	128	247956	41.52	ng	82
10) Phenol	6.33	94	245441	38.52	ng	97
11) bis(2-Chloroethyl)ether	6.40	93	238545	44.49	ng	87
12) 1,3-Dichlorobenzene	6.59	146	254308m	39.69	ng	
13) 1,4-Dichlorobenzene	6.67	146	255083	39.52	ng	96
14) 1,2-Dichlorobenzene	6.82	146	248324m	42.31	ng	
15) Benzyl Alcohol	6.81	79	174389	36.46	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	248773	34.34	ng	# 1
17) 2-Methylphenol	6.94	107	197821	40.85	ng	95
18) Hexachloroethane	7.15	117	90419	39.48	ng	# 82
19) n-Nitroso-di-n-propylamine	7.08	70	153200	39.17	ng	# 77
20) 3+4-Methylphenols	7.08	107	258592	45.76	ng	# 83
22) Acetophenone	7.07	105	331985	44.46	ng	97
24) Nitrobenzene	7.24	77	259267	46.78	ng	96
25) Isophorone	7.48	82	443811	41.88	ng	98
26) 2-Nitrophenol	7.56	139	137874	46.44	ng	# 73
27) 2,4-Dimethylphenol	7.61	122	227507	41.62	ng	93
28) bis(2-Chloroethoxy)methane	7.70	93	304435	46.31	ng	97
29) 2,4-Dichlorophenol	7.80	162	201939	44.24	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	213014	42.86	ng	98
31) Naphthalene	7.95	128	687824	41.60	ng	99
32) Benzoic acid	7.77	122	117083	38.90	ng	94
33) 4-Chloroaniline	8.02	127	85155	11.53	ng	# 92
34) Hexachlorobutadiene	8.08	225	111416	42.51	ng	100
35) Caprolactam	8.40	113	66212m	43.80	ng	
36) 4-Chloro-3-methylphenol	8.52	107	221957	45.47	ng	91
37) 2-Methylnaphthalene	8.65	142	468721	43.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	195902	49.32	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	112471	44.20	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	129051	40.91	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	126785	38.63	nq	97
45) 1,1'-Biphenyl	9.12	154	580700	49.69	nq	96
46) 2-Chloronaphthalene	9.14	162	450176	44.10	nq	94
47) 2-Nitroaniline	9.24	65	126043	41.86	nq #	82
48) Acenaphthylene	9.55	152	707188	43.56	nq	99
49) Dimethylphthalate	9.43	163	513668	44.95	nq	100
50) 2,6-Dinitrotoluene	9.48	165	112802	43.11	nq #	62
51) Acenaphthene	9.72	154	418939	41.36	nq	99
52) 3-Nitroaniline	9.66	138	59466	19.69	nq	88
53) 2,4-Dinitrophenol	9.77	184	98974	71.10	nq	98
54) Dibenzofuran	9.90	168	573121	41.09	nq #	91
55) 4-Nitrophenol	9.85	139	135980	58.02	nq #	76
56) 2,4-Dinitrotoluene	9.90	165	141760	42.15	nq #	63
57) Fluorene	10.24	166	478467	51.45	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	113604	44.05	nq #	58
59) Diethylphthalate	10.12	149	494950	42.79	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	186750	40.26	nq	95
61) 4-Nitroaniline	10.27	138	109864	38.36	nq	97
62) Azobenzene	10.39	77	497841	43.53	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	78152	43.31	nq #	64
65) n-Nitrosodiphenylamine	10.35	169	410167	42.55	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	136609	43.83	nq	97
67) Hexachlorobenzene	10.78	284	133000	41.07	nq	92
68) Atrazine	10.89	200	122552	41.98	nq	98
69) Pentachlorophenol	10.98	266	106503	62.39	nq	97
70) Phenanthrene	11.19	178	659615	43.27	nq	99
71) Anthracene	11.24	178	683393	44.44	nq	99
72) Carbazole	11.40	167	671367	46.65	nq	99
73) Di-n-butylphthalate	11.74	149	773011	42.43	nq	99
74) Fluoranthene	12.38	202	713058	44.32	nq	95
76) Benzidine	12.50	184	208088	36.14	nq	98
77) Pyrene	12.59	202	686862	44.51	nq	99
79) Butylbenzylphthalate	13.22	149	325187	47.67	nq	89
80) Benzo(a)anthracene	13.78	228	493415	41.64	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	108415	34.02	nq #	94
82) Chrysene	13.82	228	550918	49.42	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	383474	46.18	nq	99
84) Di-n-octyl phthalate	14.39	149	703107	52.10	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	463111	44.71	nq #	100
87) Benzo(b)fluoranthene	14.79	252	449456m	36.40	nq	
88) Benzo(k)fluoranthene	14.82	252	477798m	51.29	nq	
89) Benzo(a)pyrene	15.11	252	445323	44.57	nq	99
90) Dibenzo(a,h)anthracene	16.46	278	383796	41.36	nq	99
91) Benzo(g,h,i)perylene	16.83	276	406711	42.61	nq	98

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

```

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Misc      :
ALS Vial  : 19    Sample Multiplier: 1

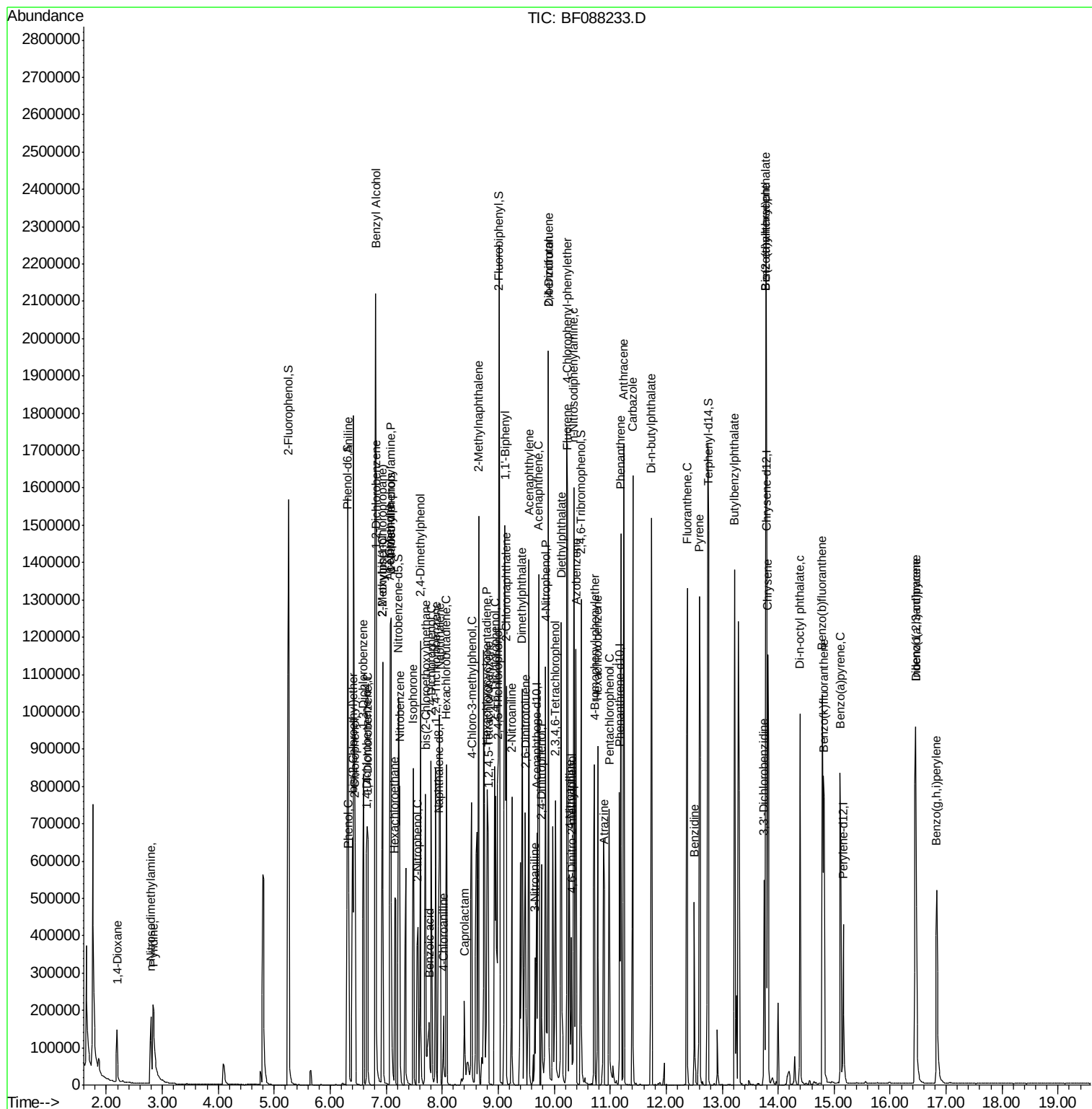
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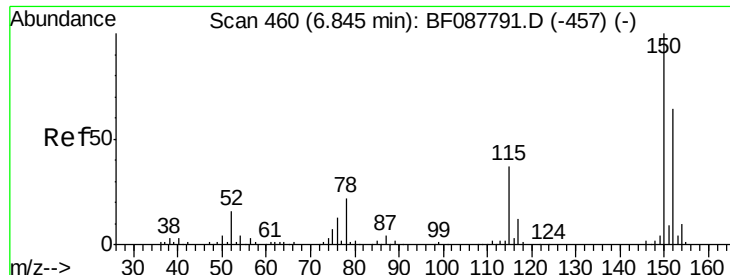
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

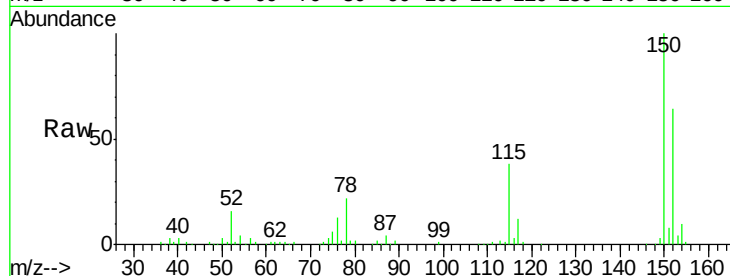
ClientSampleId :

PB91471BS

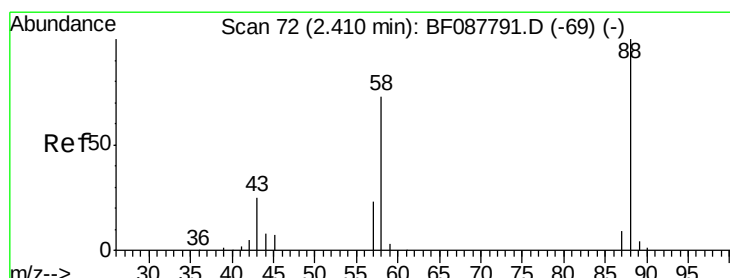
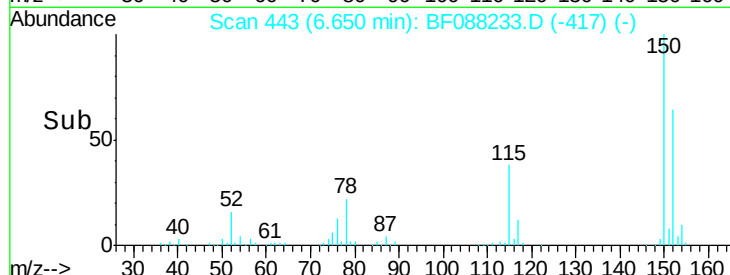
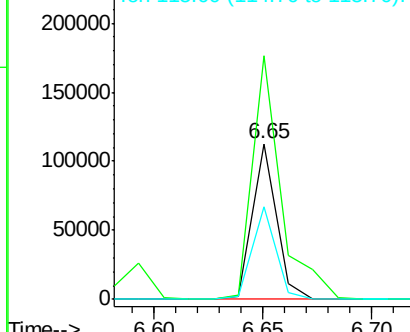
Tot Ion:	152	Resp:	86251
Ion Ratio	Lower	Upper	
152	100		
150	156.6	123.8	185.6
115	59.5	39.6	59.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.74 ng

RT: 2.19 min Scan# 53

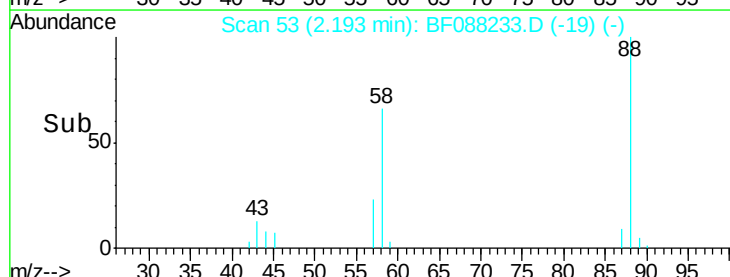
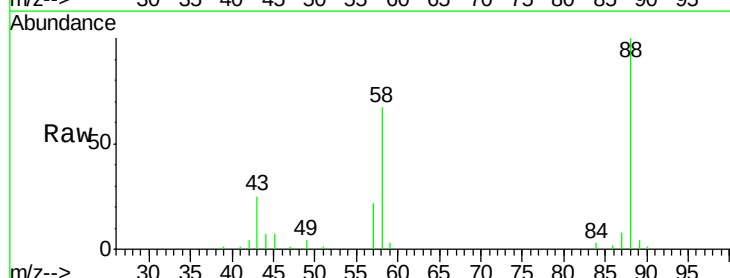
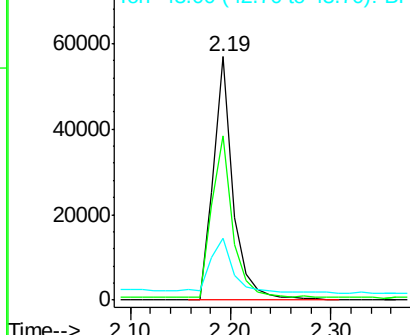
Delta R.T. 0.09 min

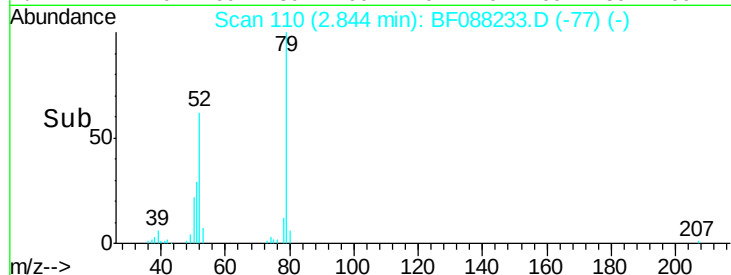
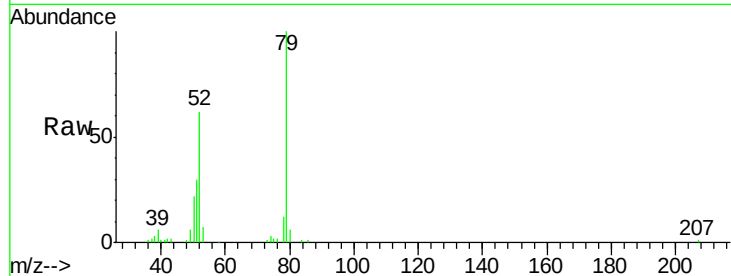
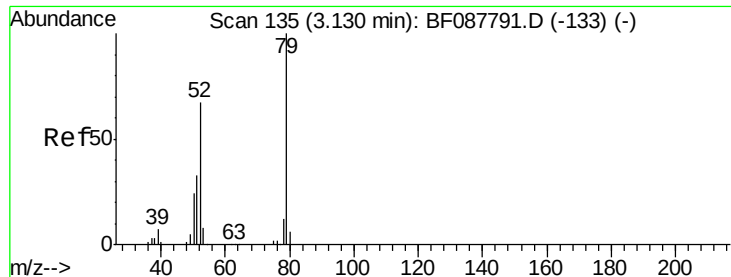
Lab File: BF088233.D

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Tgt Ion:	88	Resp:	77820
Ion Ratio	Lower	Upper	
88	100		
58	70.8	0.0	0.0
43	26.2	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





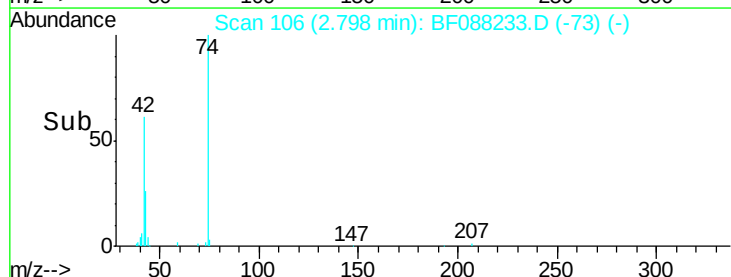
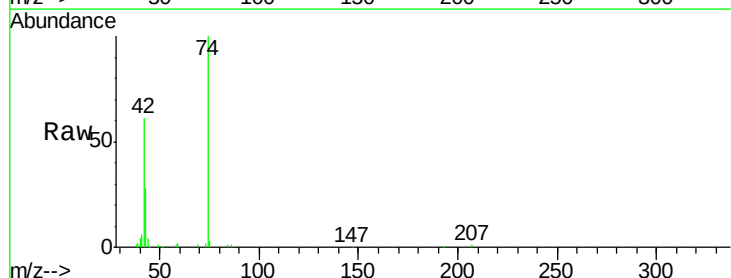
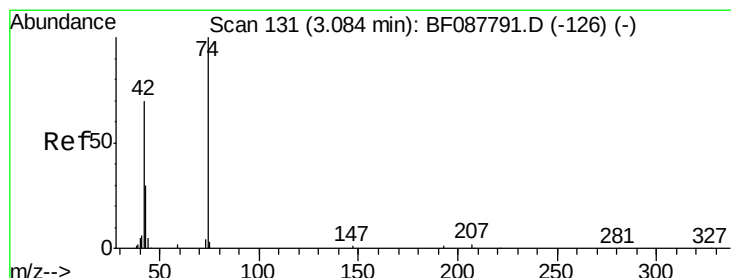
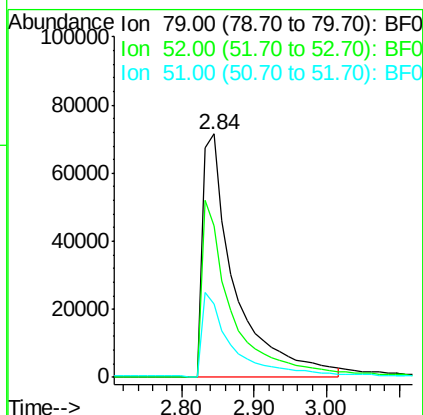
#3
 Pvridine
 Concen: 38.32 ng
 RT: 2.84 min Scan# 110
 Delta R.T. 0.08 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tot Ion:	79	Resp:	221824
Ion Ratio	Lower	Upper	
79	100		
52	62.3	56.3	84.5
51	30.0	27.4	41.2

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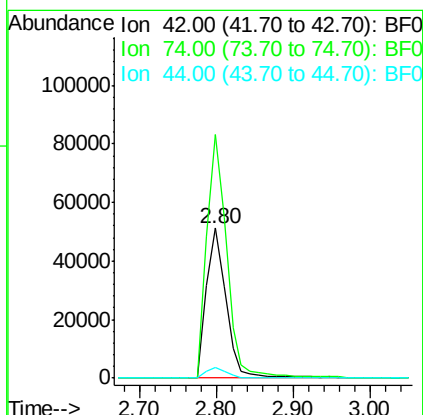
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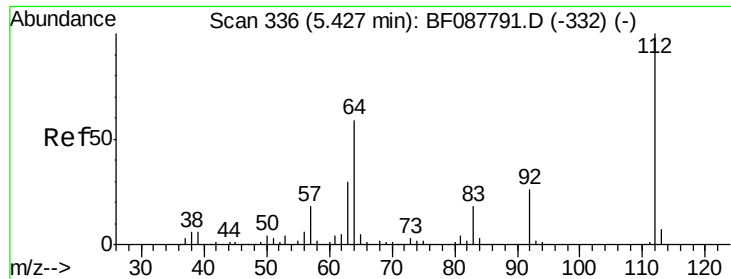
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#4
 n-Nitrosodimethylamine
 Concen: 37.16 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:	42	Resp:	91087
Ion Ratio	Lower	Upper	
42	100		
74	162.8	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 127.07 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

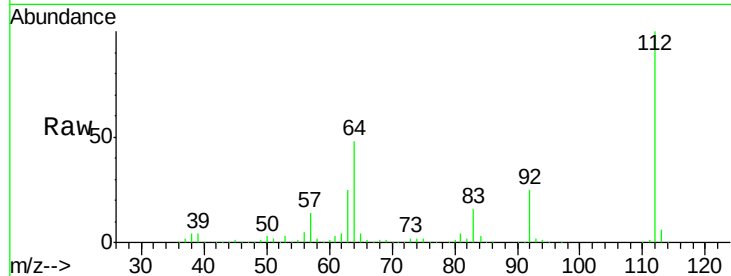
ClientSampled :

PB91471BS

Tot Ion:	112	Resp:	641088
Ion Ratio	Lower	Upper	
112	100		
64	47.6	42.2	63.2
63	24.6	21.8	32.8

Manual Integrations
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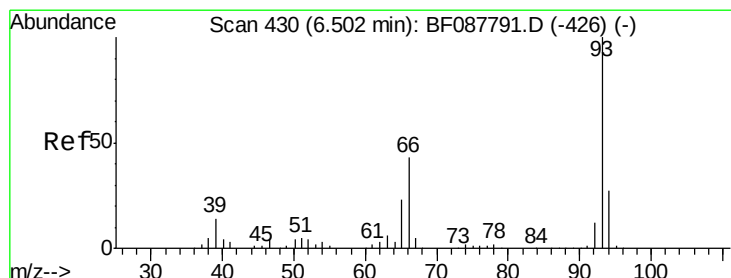
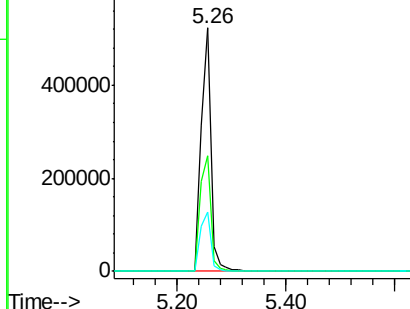
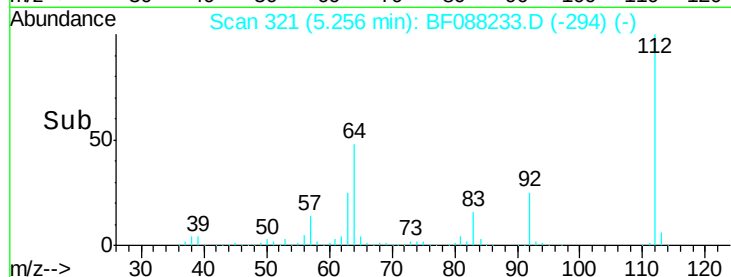
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.64 ng

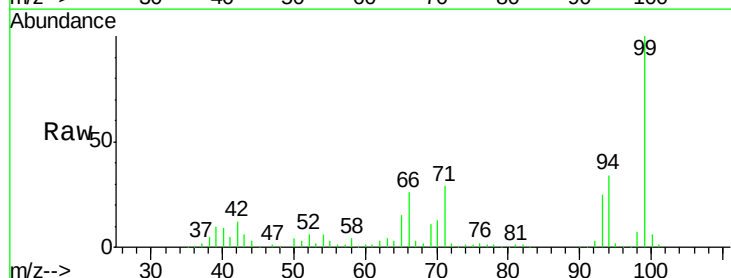
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

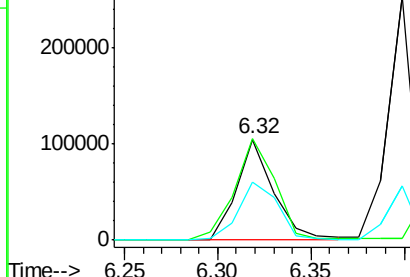
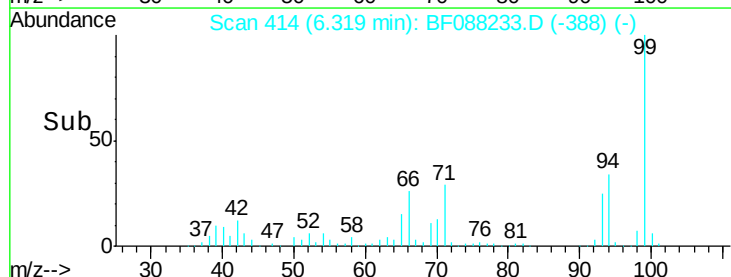
Tgt Ion:	93	Resp:	144834
Ion Ratio	Lower	Upper	
93	100		
66	100.6	29.8	44.8#
65	57.5	14.9	22.3#

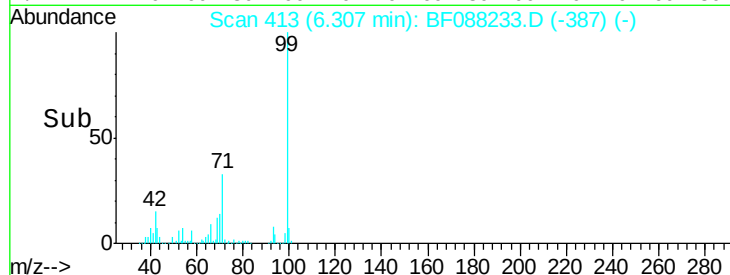
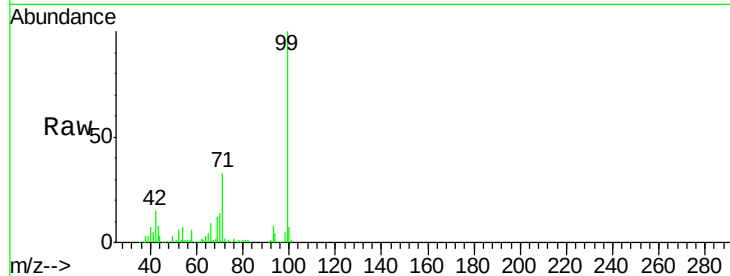
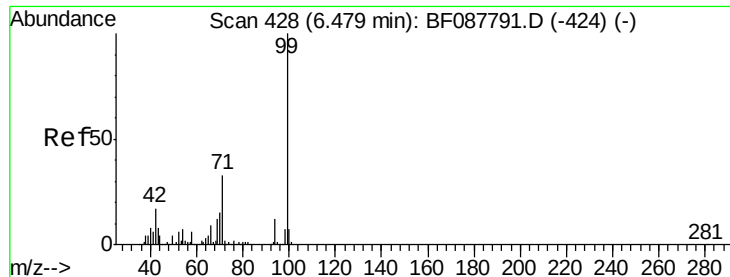


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.45 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tot Ion:	99	Resp:	748713
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.2	18.2
71	33.2	23.4	35.0

Instrument :

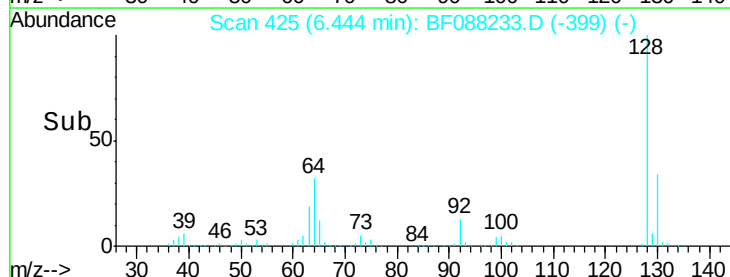
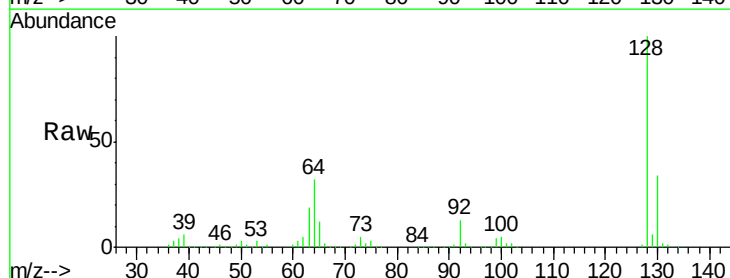
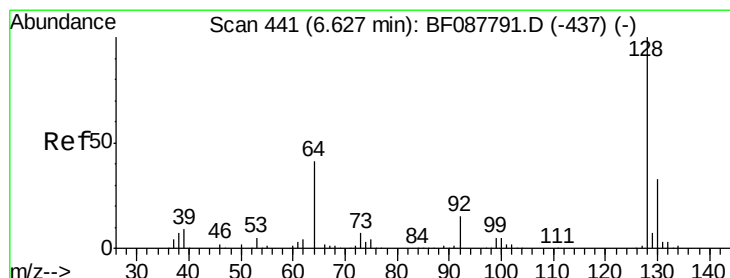
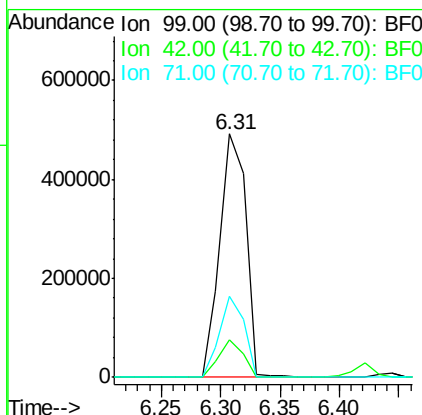
BNA_F

ClientSampleId :

PB91471BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.52 ng

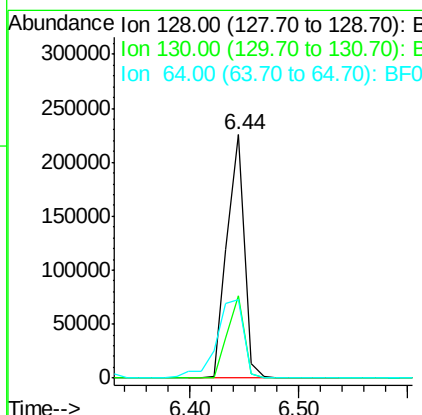
RT: 6.44 min Scan# 425

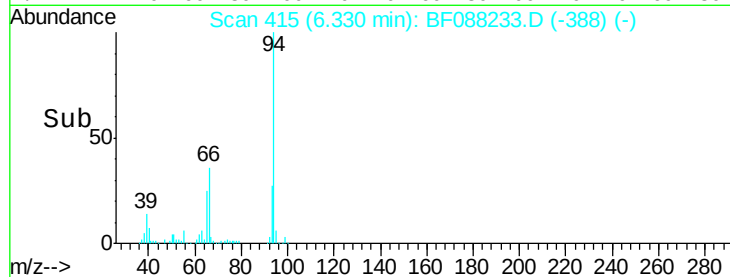
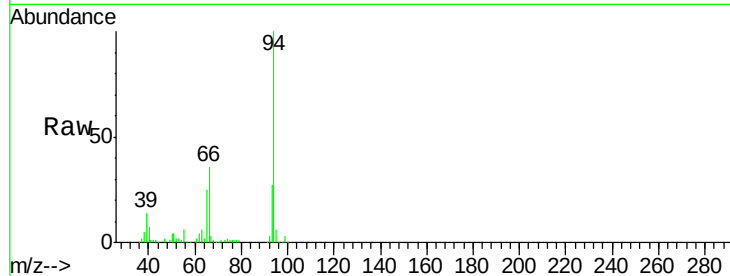
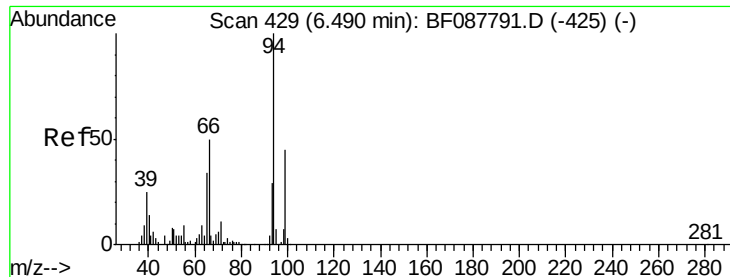
Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:	128	Resp:	247956
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.0	52.0
64	32.1	30.8	70.8





#10

Phenol

Concen: 38.52 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tot Ion:	94	Resp:	245441
Ion Ratio	Lower	Upper	
94	100		
65	24.6	5.9	45.9
66	35.8	14.0	54.0

Instrument :

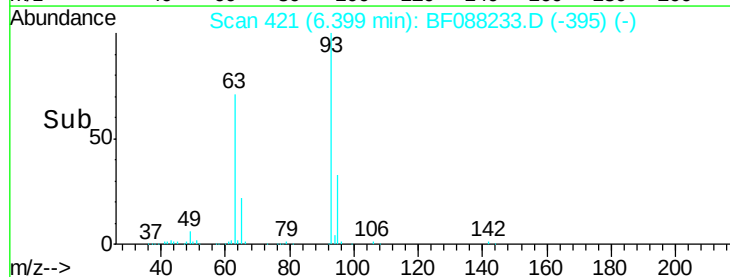
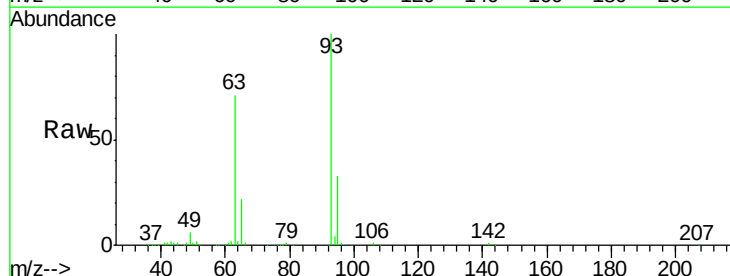
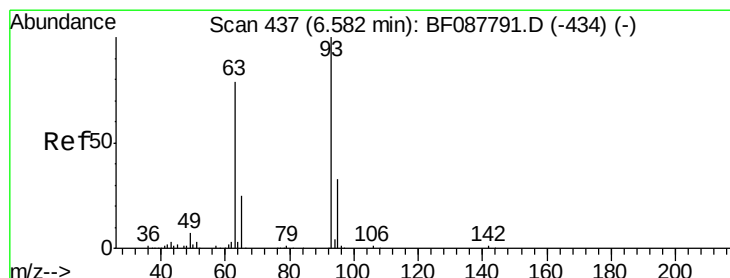
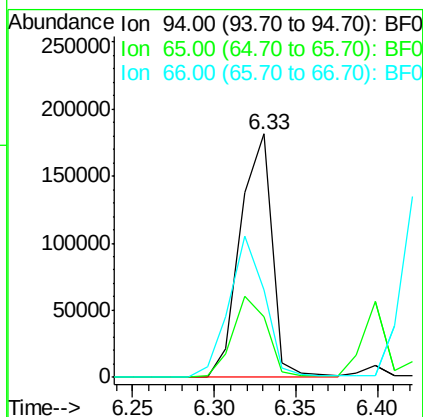
BNA_F

ClientSampleId :

PB91471BS

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#11

bis(2-Chloroethyl)ether

Concen: 44.49 ng

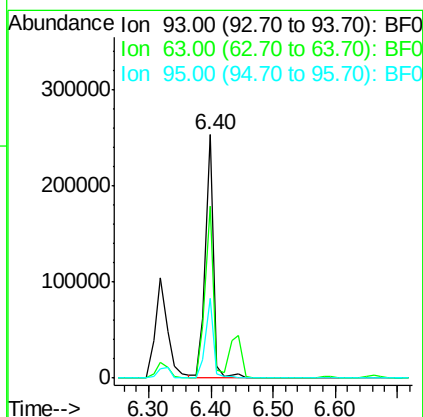
RT: 6.40 min Scan# 421

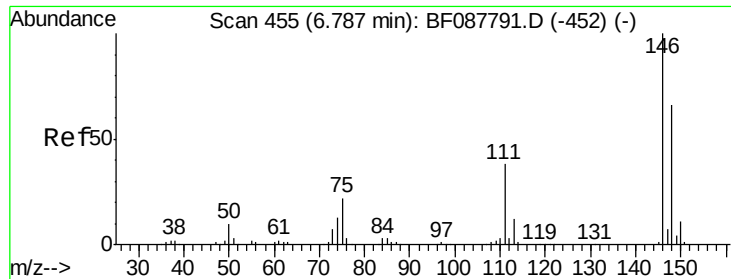
Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:	93	Resp:	238545
Ion Ratio	Lower	Upper	
93	100		
63	70.8	67.6	107.6
95	32.7	12.5	52.5





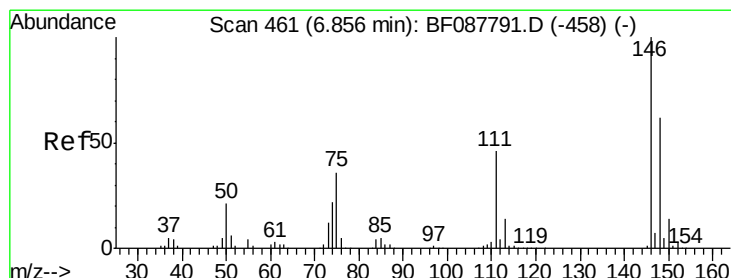
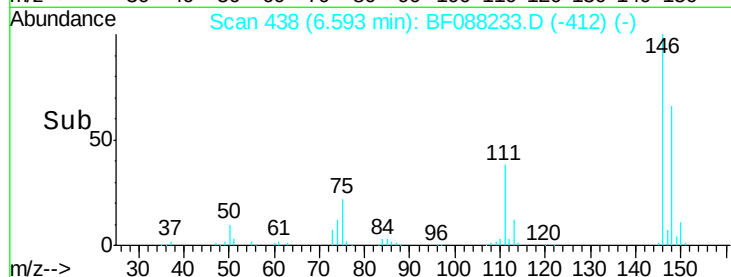
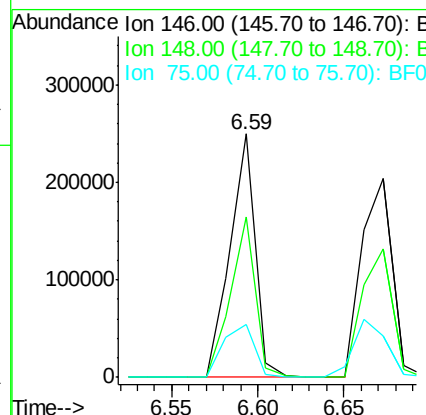
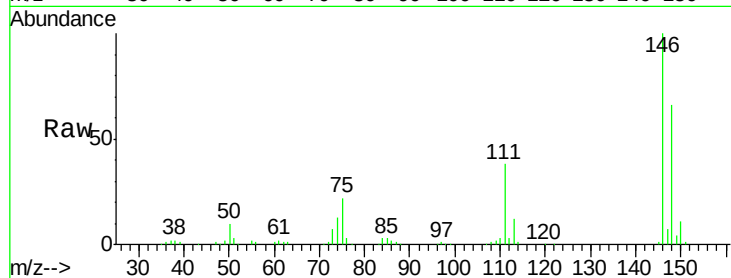
#12
 1,3-Dichlorobenzene
 Concen: 39.69 ng/mL
 RT: 6.59 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.9	76.3
75	21.6	25.6	38.4

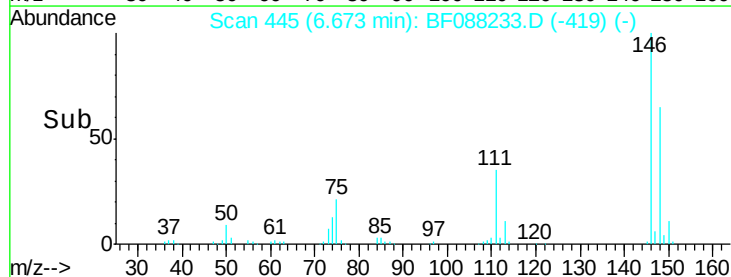
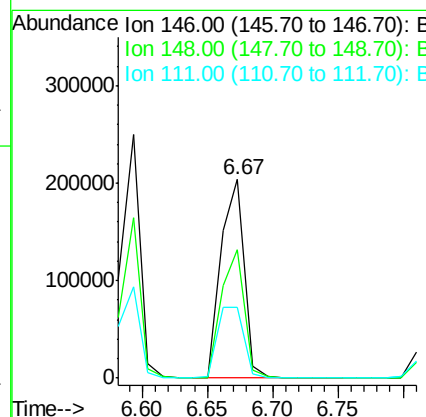
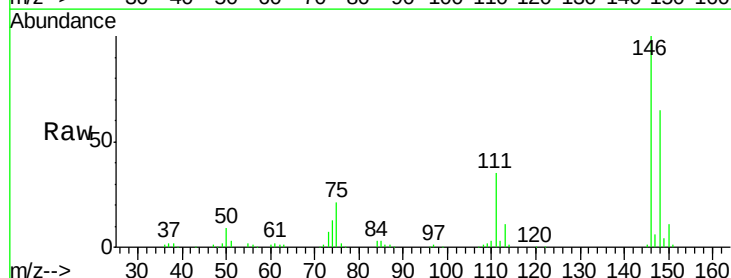
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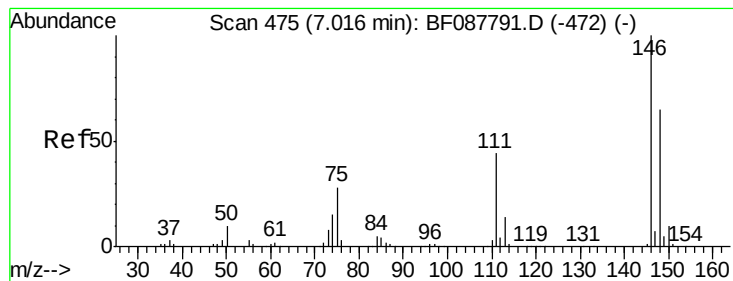
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#13
 1,4-Dichlorobenzene
 Concen: 39.52 ng/mL
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
111	35.4	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 42.31 ng/mL

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

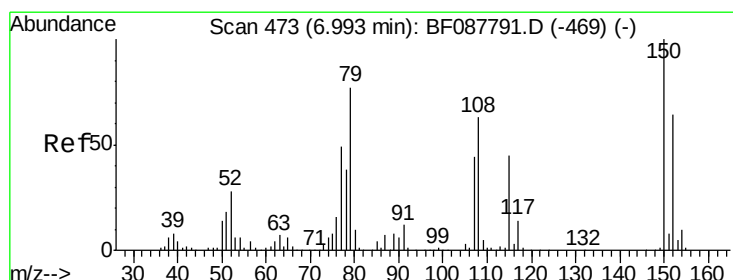
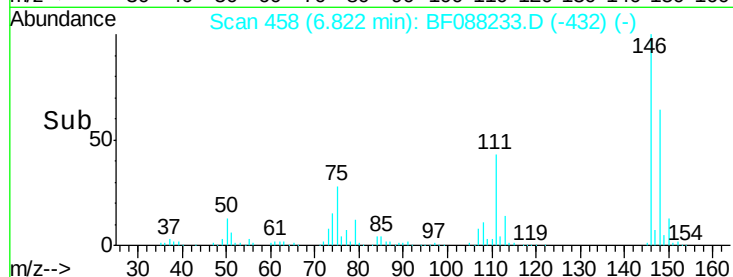
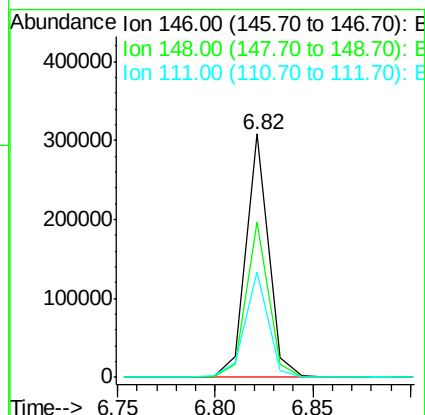
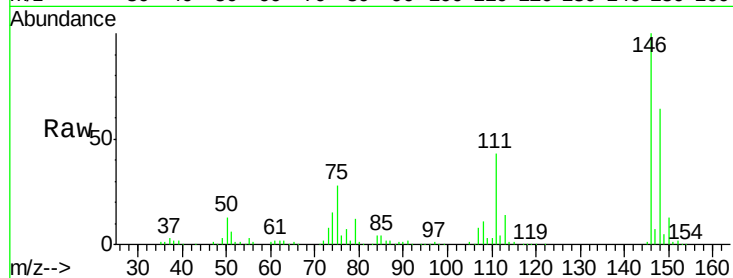
ClientSampleId :

PB91471BS

Tot Ion:	146	Resp:	248324
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	43.2	28.7	43.1

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#15

Benzyl Alcohol

Concen: 36.46 ng/mL

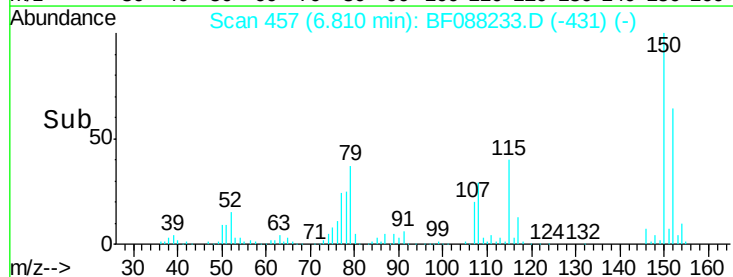
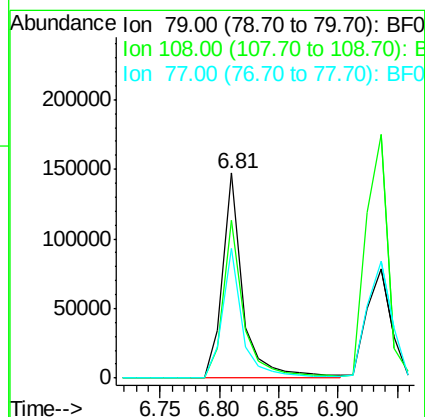
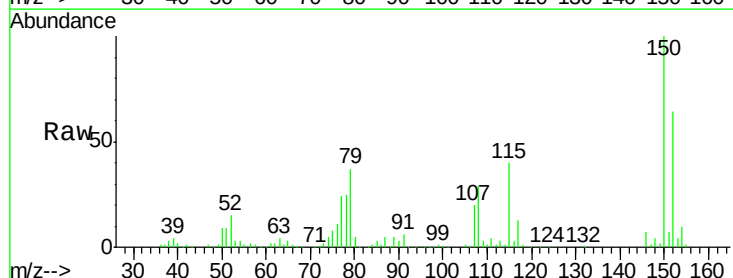
RT: 6.81 min Scan# 457

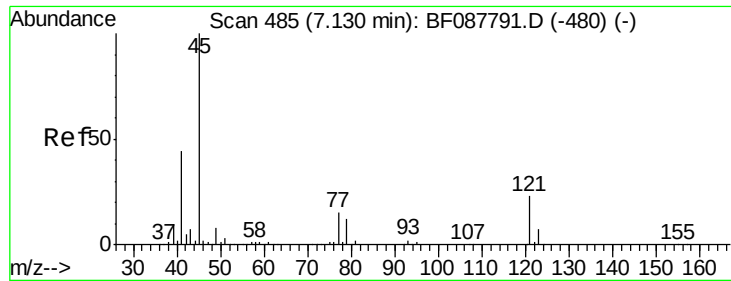
Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:	79	Resp:	174389
Ion Ratio	Lower	Upper	
79	100		
108	77.3	65.0	97.6
77	63.4	50.3	75.5





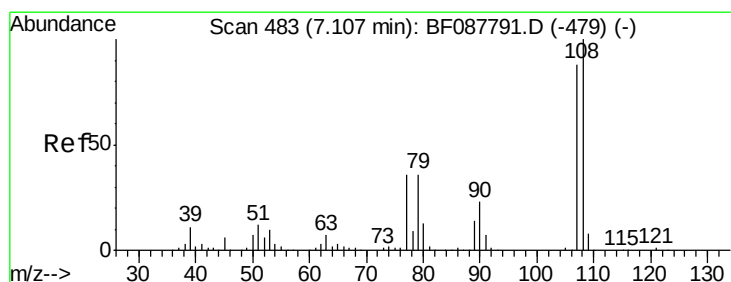
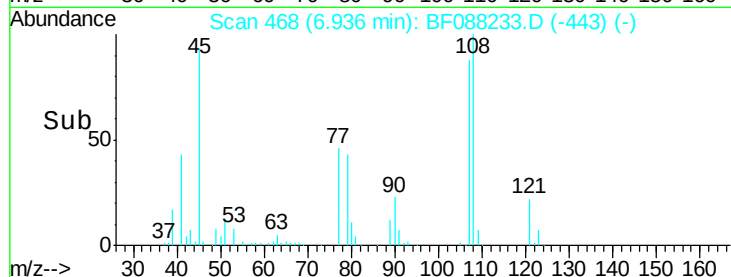
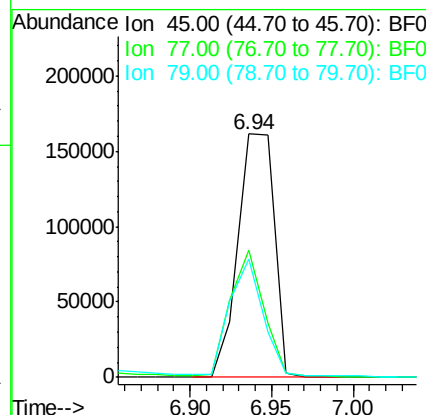
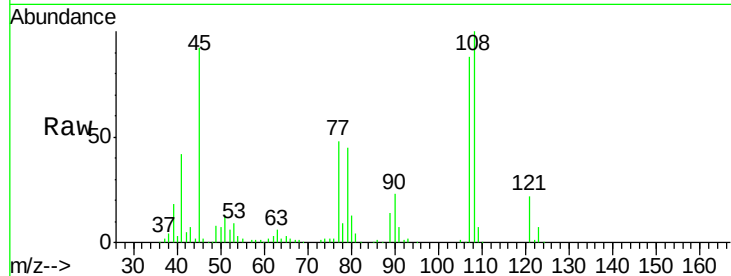
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 34.34 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	52.2	0.0	32.5#
79	48.7	0.0	29.5#

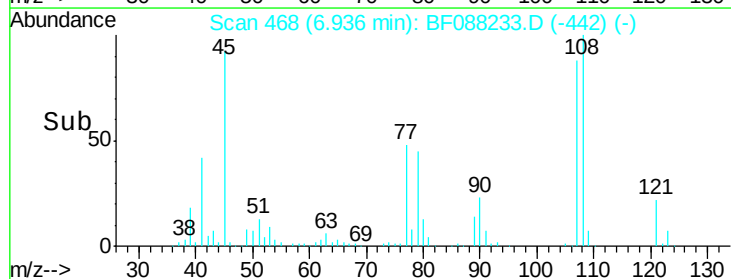
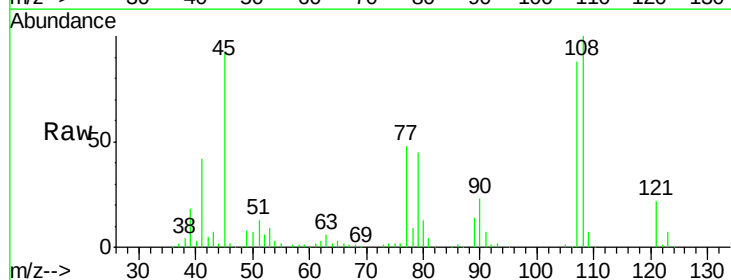
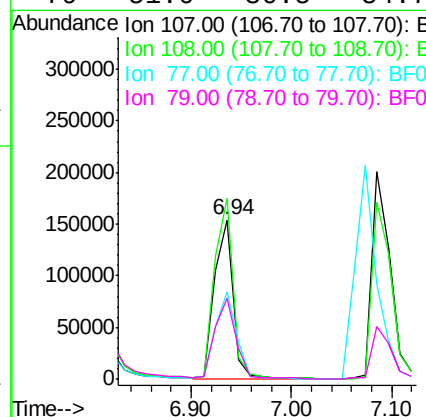
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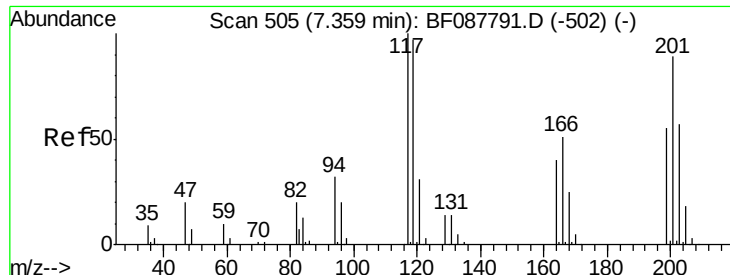
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#17
2-Methylphenol
Concen: 40.85 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	113.5	90.9	136.3
77	54.8	36.6	55.0
79	51.0	36.5	54.7





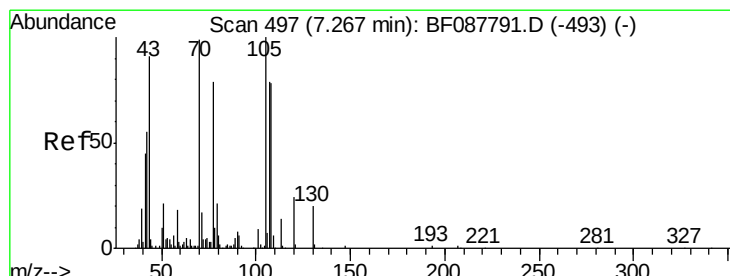
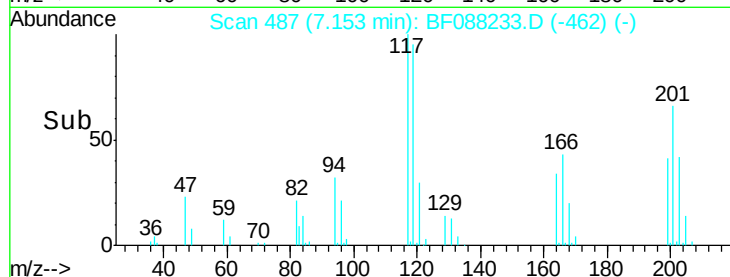
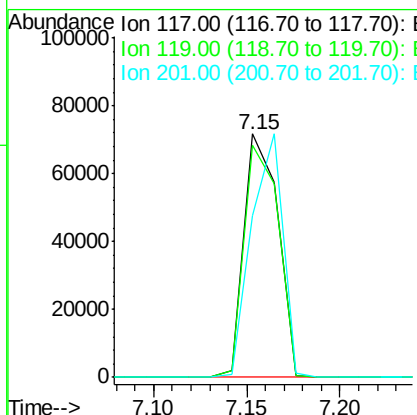
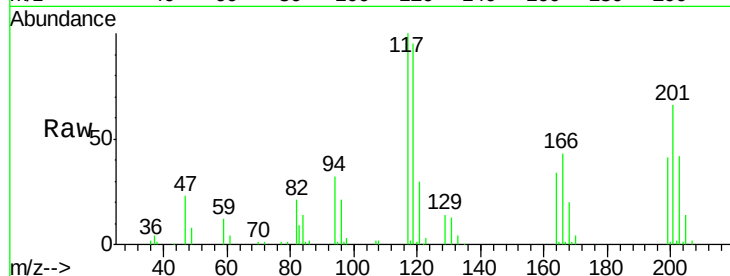
#18
Hexachloroethane
Concen: 39.48 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	90419		
119	95.1	77.4	116.2	
201	66.3	80.4	120.6#	

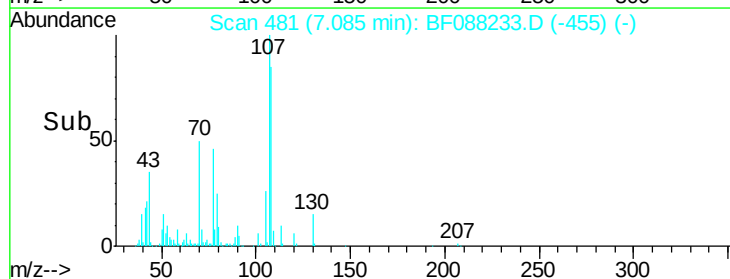
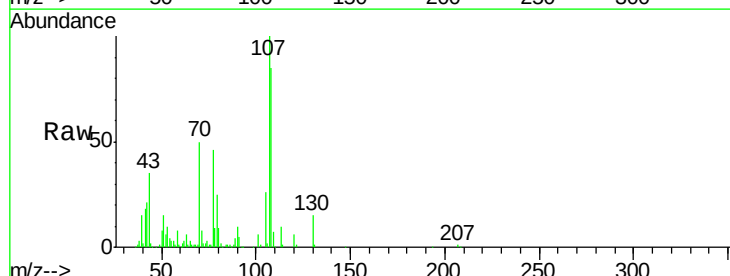
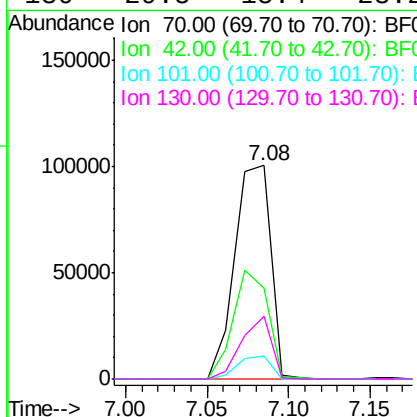
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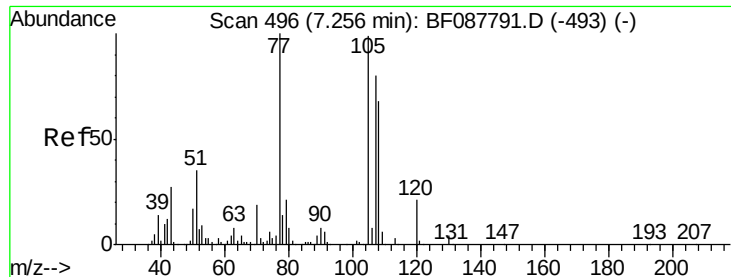
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#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	153200		
42	42.5	49.6	74.4#	
101	11.1	7.1	10.7#	
130	29.5	15.4	23.2#	





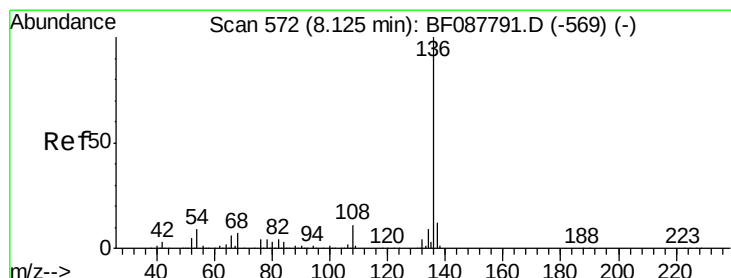
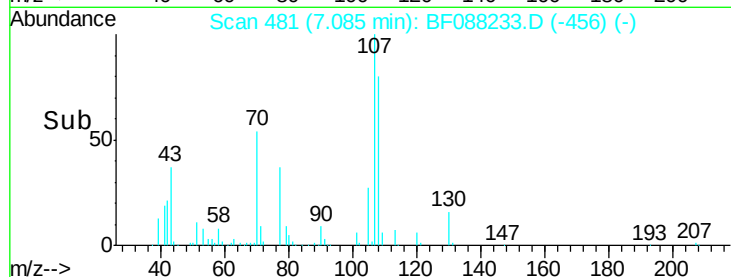
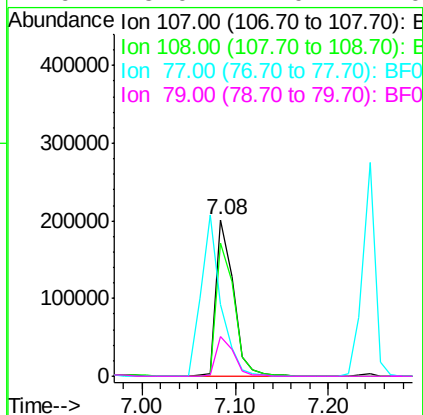
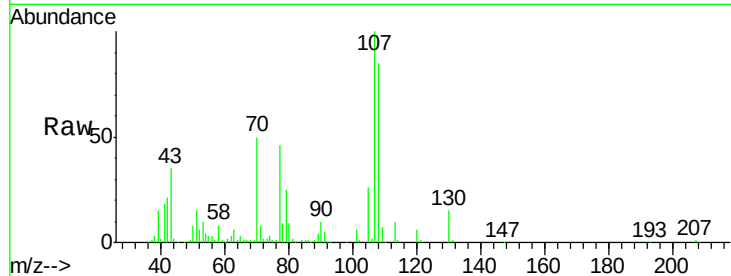
#20
3+4-Methylphenols
Concen: 45.76 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	85.1	67.8	107.8	
77	45.6	59.3	99.3#	
79	25.0	7.0	47.0	

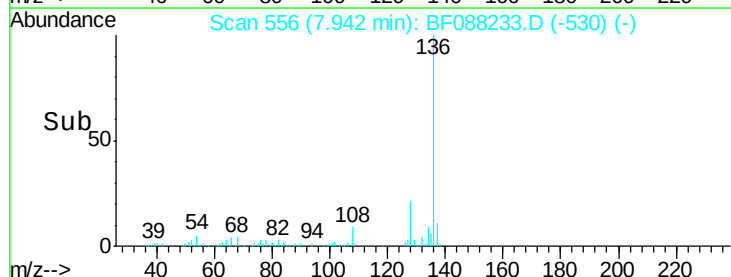
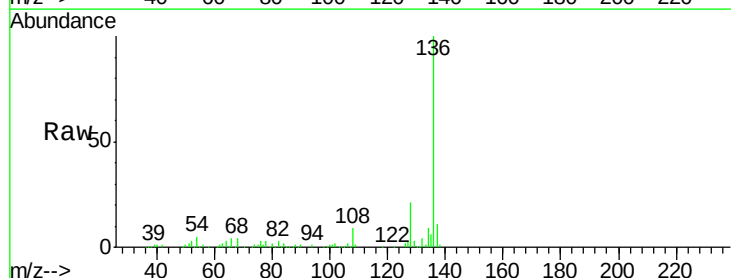
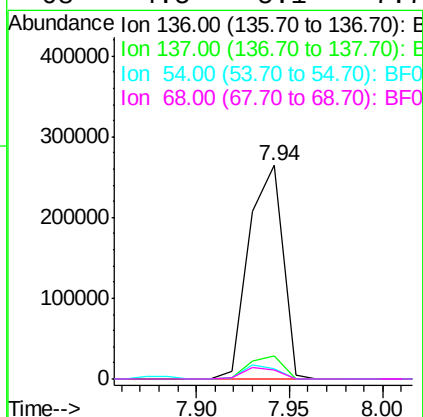
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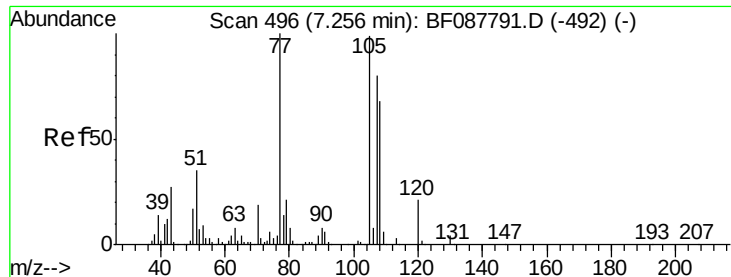
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	5.1	6.6	10.0#	
68	4.5	5.1	7.7#	





#22

Acetophenone

Concen: 44.46 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088233.D

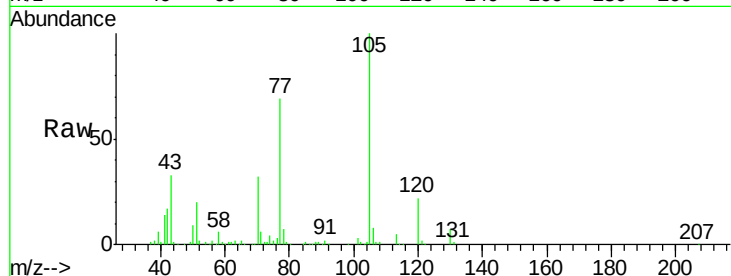
Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

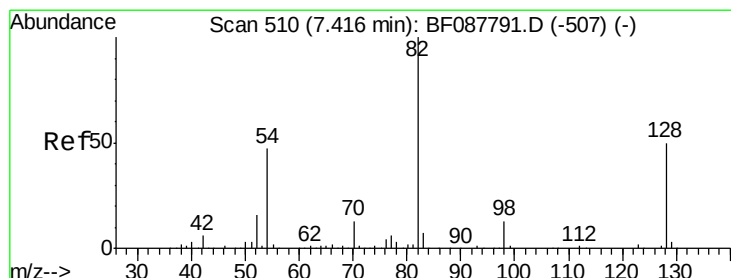
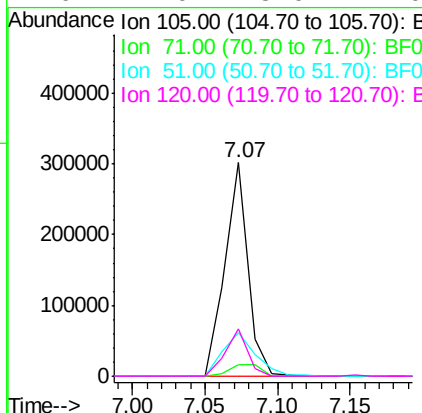
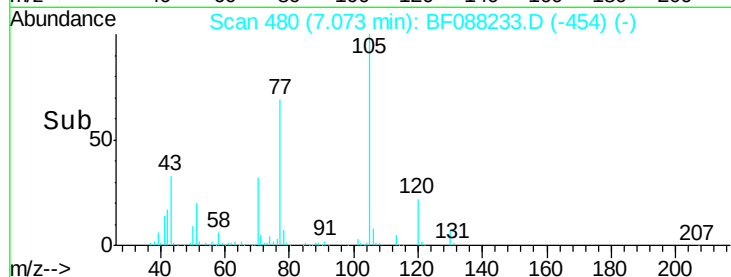
PB91471BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
331985	105	100			
	71	5.6	5.3	7.9	
	51	20.4	18.2	27.4	
	120	22.0	18.0	27.0	

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#23

Nitrobenzene-d5

Concen: 78.25 ng

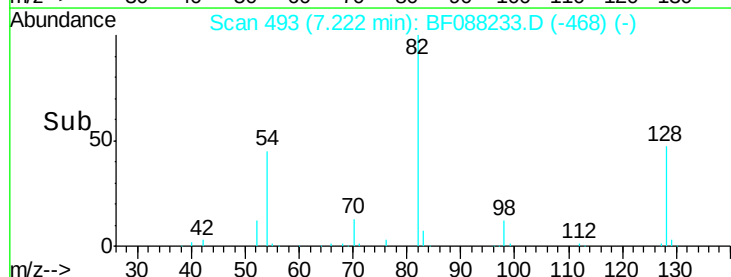
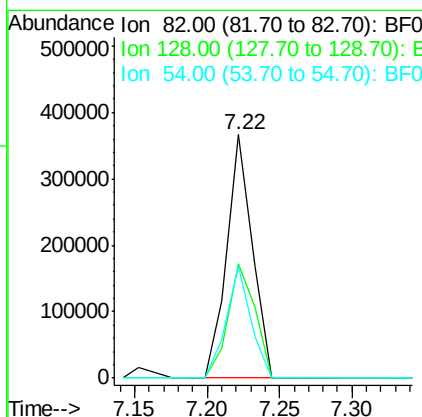
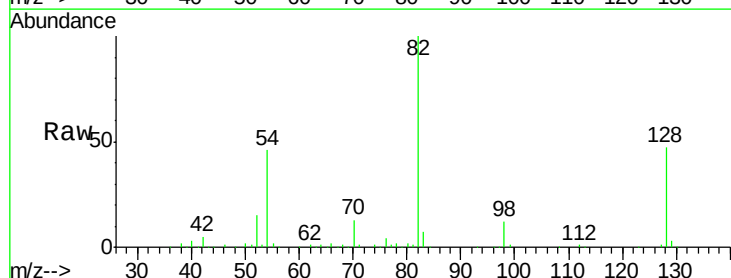
RT: 7.22 min Scan# 493

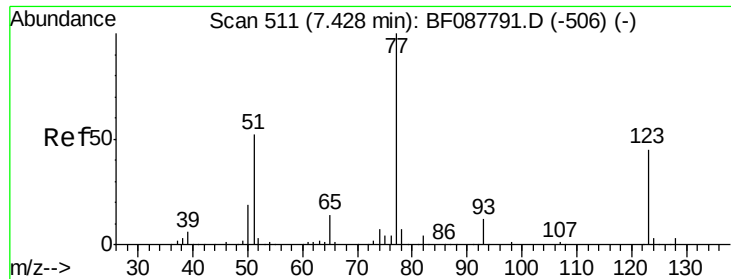
Delta R.T. -0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
447746	82	100			
	128	47.2	35.9	53.9	
	54	45.9	40.9	61.3	





#24

Nitrobenzene

Concen: 46.78 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

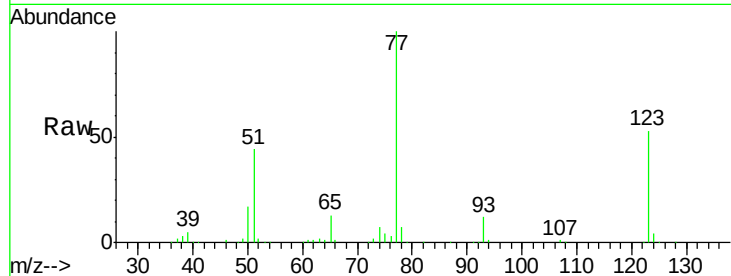
ClientSampleId :

PB91471BS

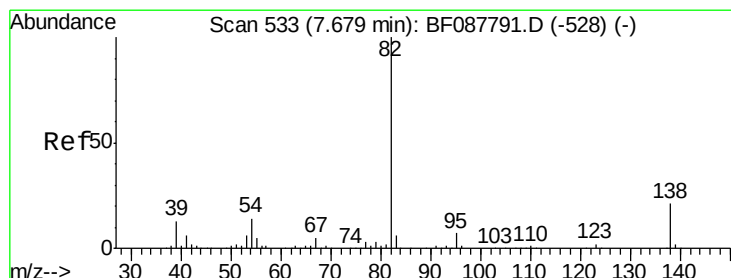
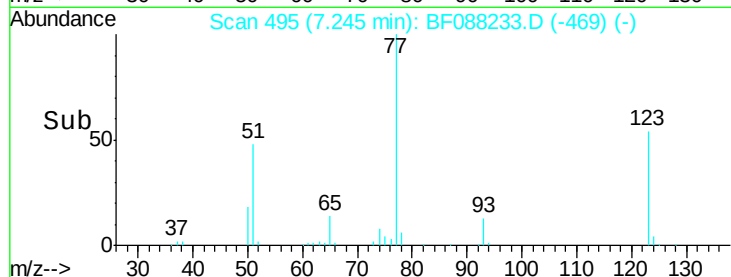
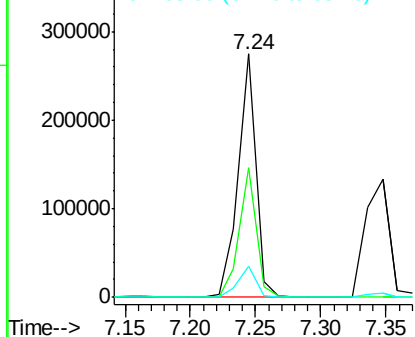
Tot Ion:	77	Resp:	259267
Ion Ratio	Lower	Upper	
77	100		
123	53.0	45.0	67.4
65	12.7	10.2	15.2

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.88 ng

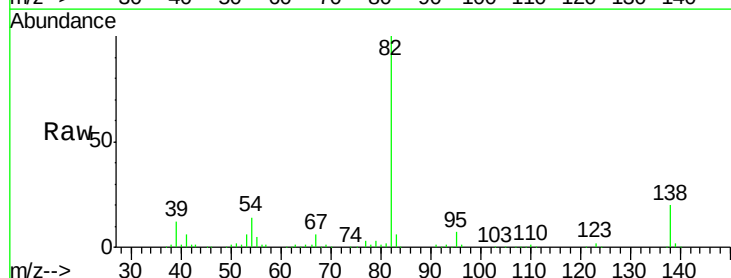
RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

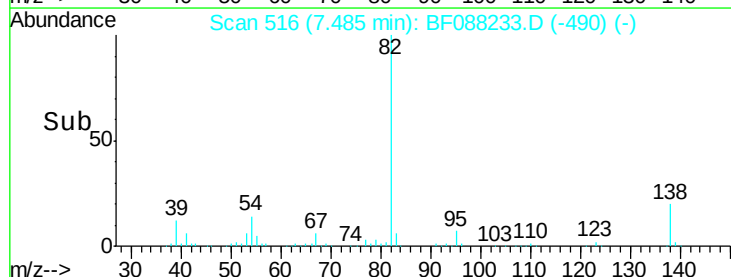
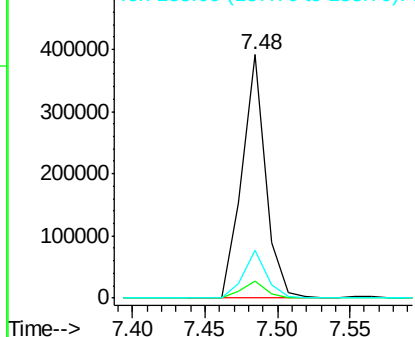
Lab File: BF088233.D

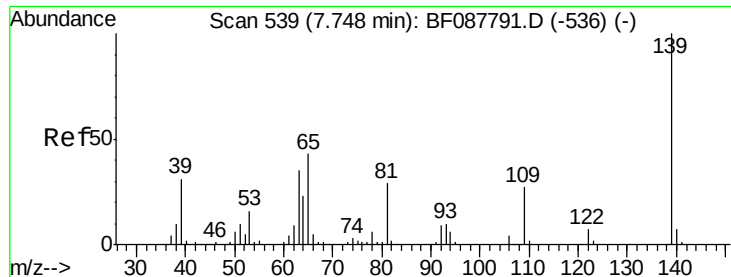
Acq: 22 Jun 2016 1:06

Tgt Ion:	82	Resp:	443811
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	19.5	14.6	21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





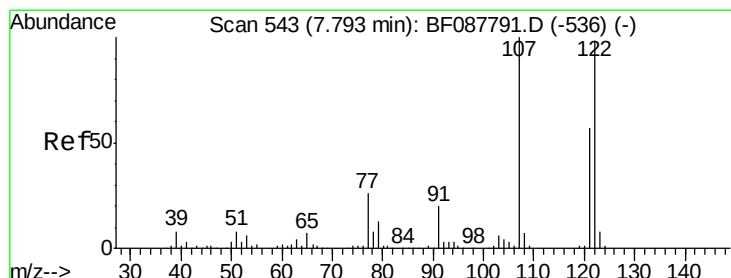
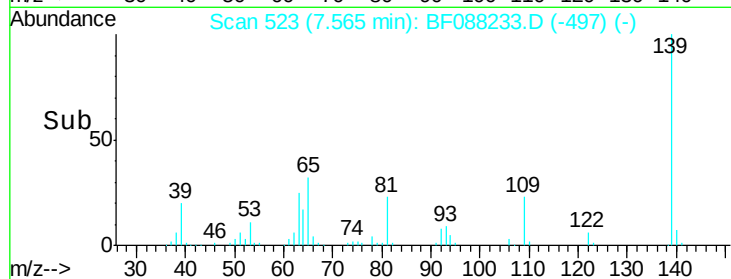
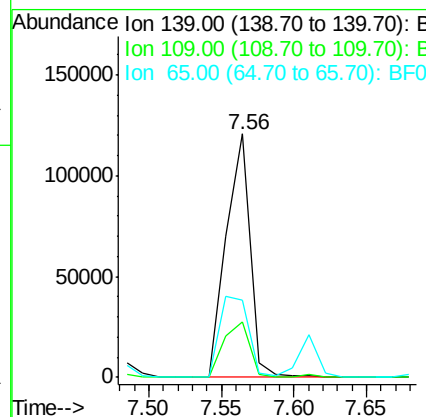
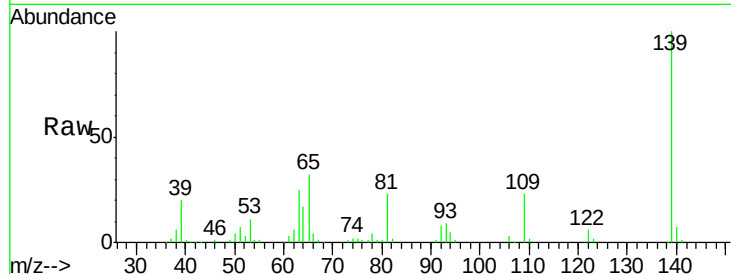
#26
2-Nitrophenol
Concen: 46.44 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	22.6	23.0	34.4#	
65	31.9	45.8	68.8#	

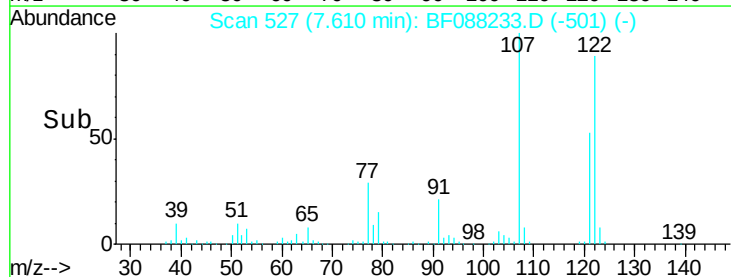
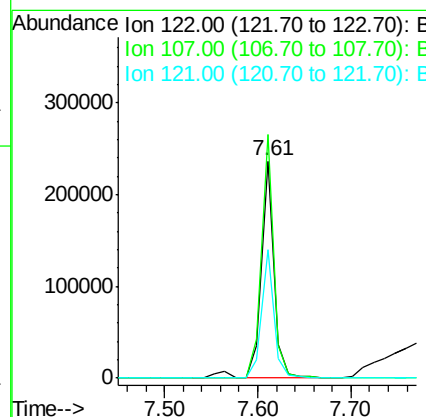
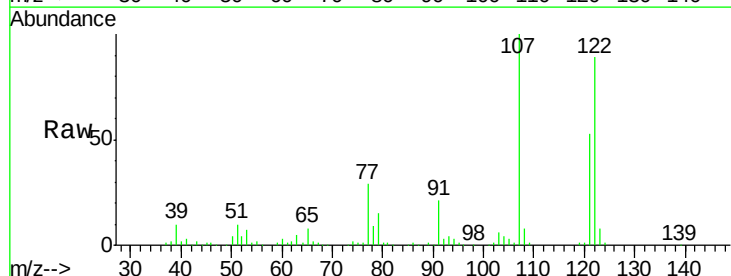
Manual Integrations
APPROVED

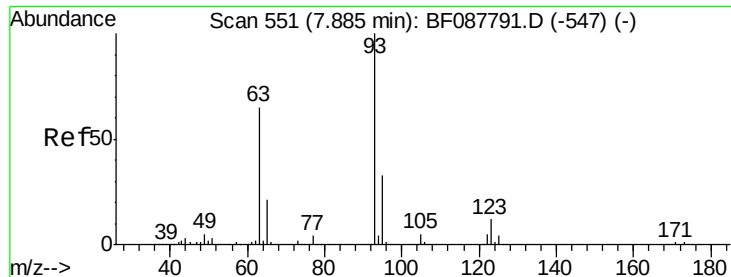
sohil
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#27
2,4-Dimethylphenol
Concen: 41.62 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	112.3	82.4	123.6	
121	59.3	46.3	69.5	





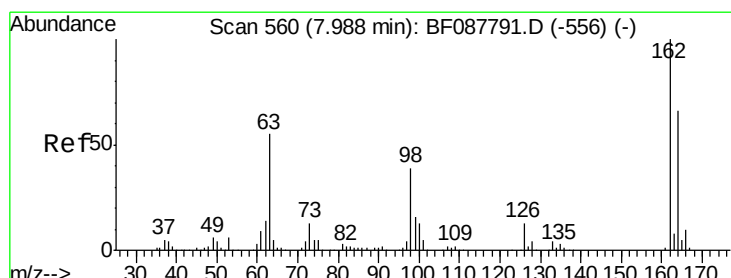
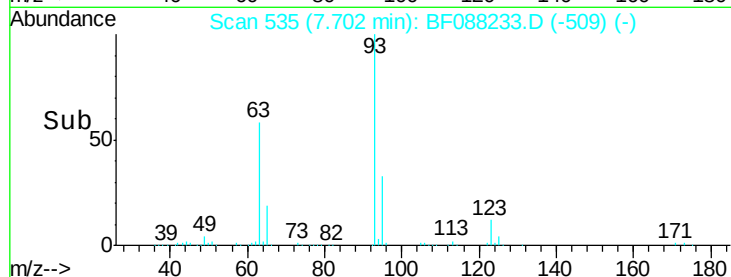
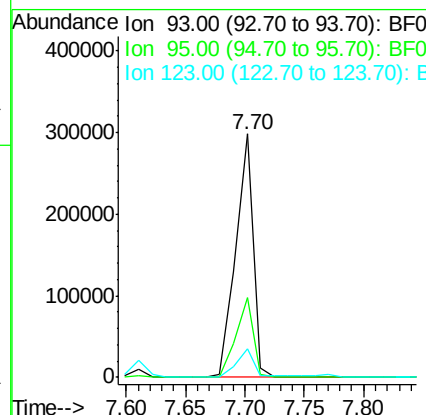
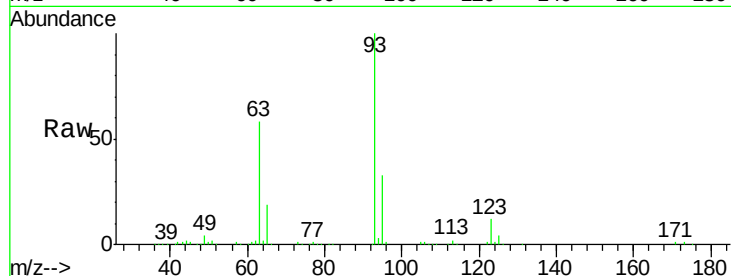
#28
bis(2-Chloroethoxy)methane
Concen: 46.31 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	26.5	39.7	
123	11.7	11.6	17.4	

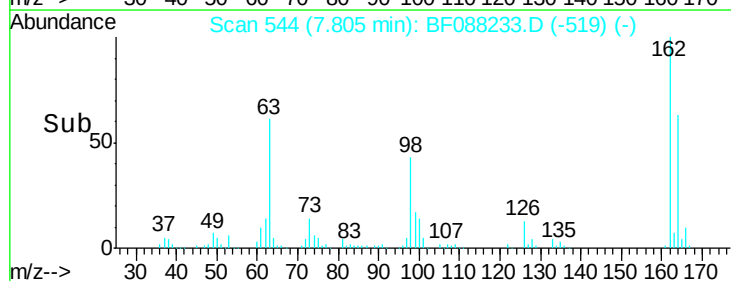
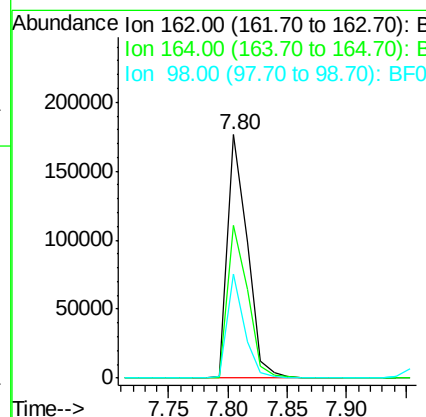
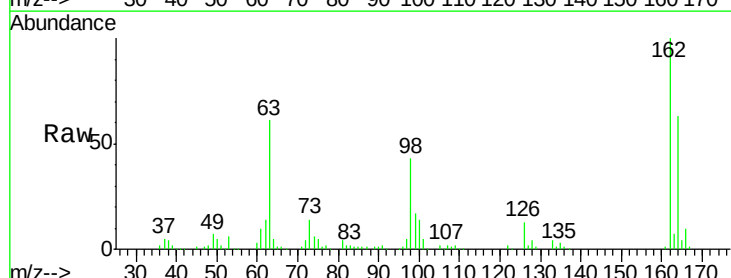
Manual Integrations
APPROVED

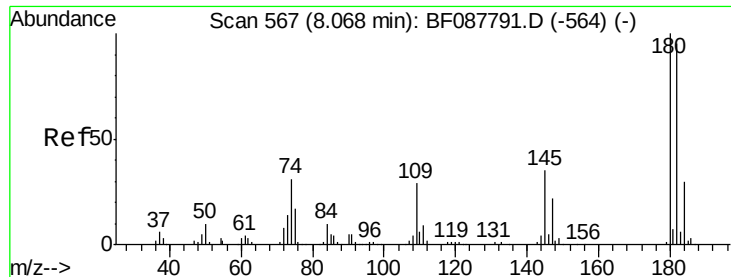
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#29
2,4-Dichlorophenol
Concen: 44.24 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.8	43.8	83.8	
98	42.6	21.3	61.3	





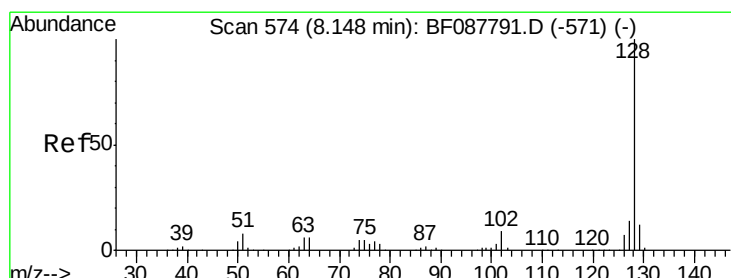
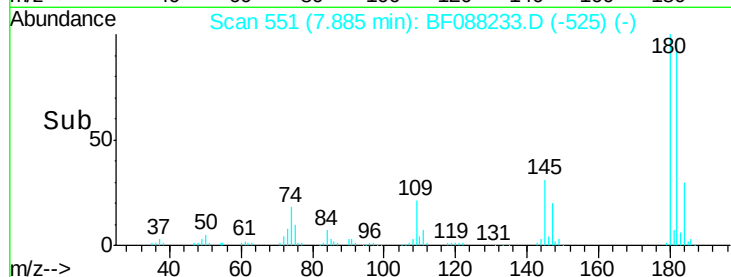
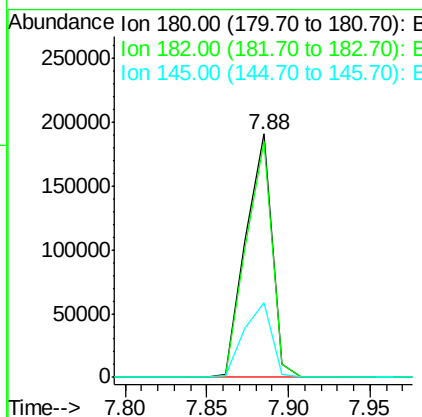
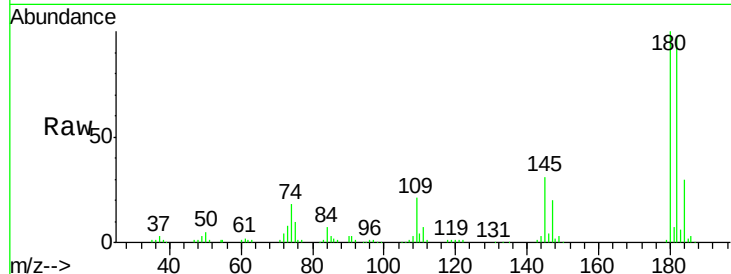
#30
 1,2,4-Trichlorobenzene
 Concen: 42.86 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	213014		
182	96.6	76.0	114.0	
145	30.9	26.5	39.7	

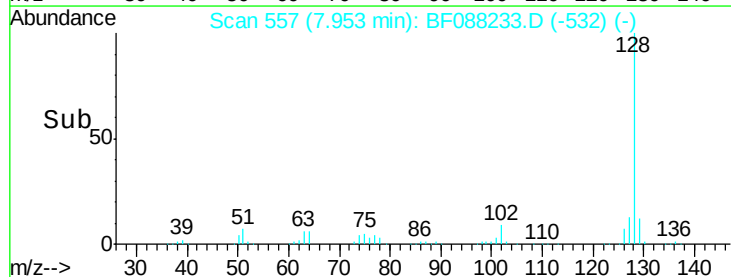
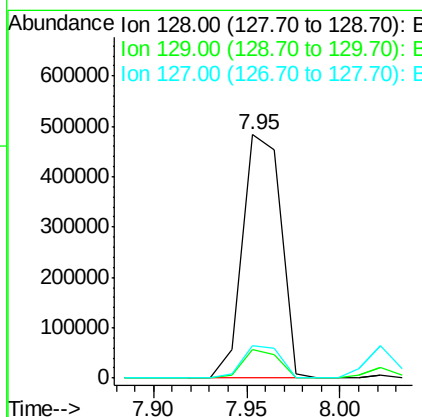
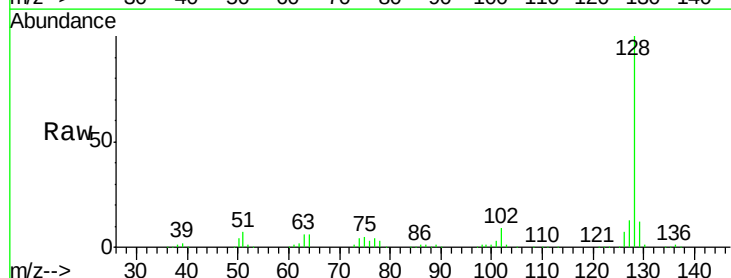
Manual Integrations
 APPROVED

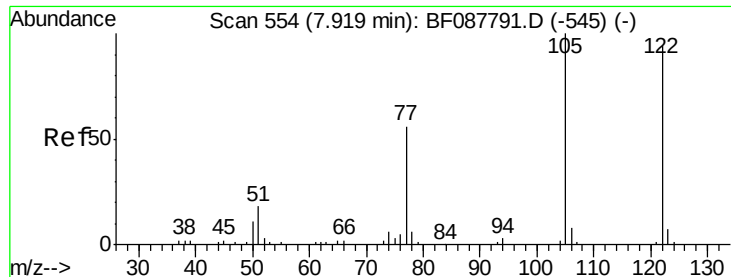
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#31
 Naphthalene
 Concen: 41.60 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	687824		
129	11.6	9.4	14.2	
127	13.2	10.9	16.3	





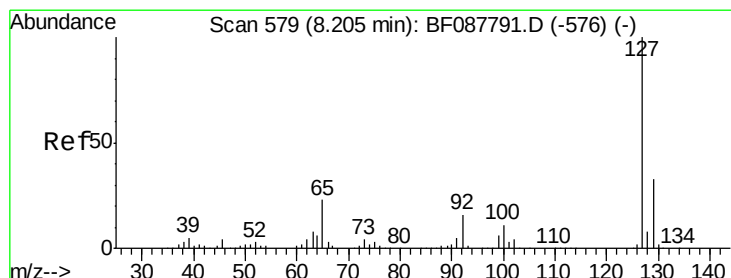
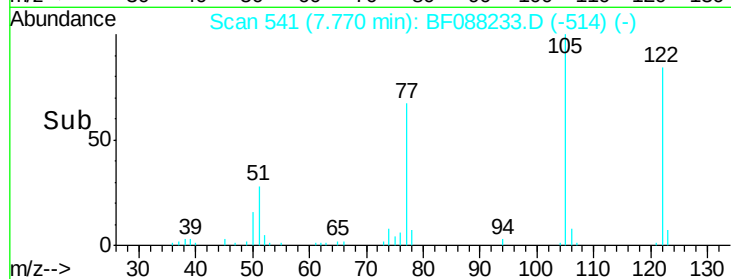
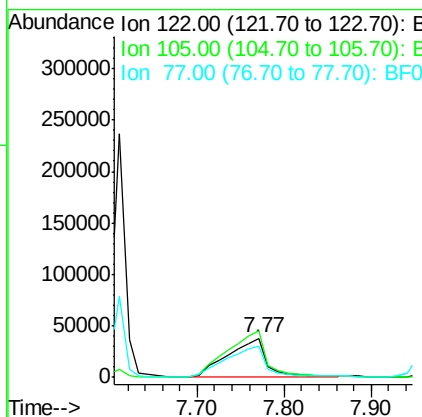
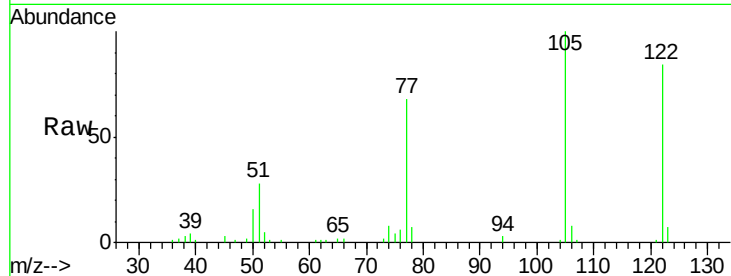
#32
Benzoic acid
Concen: 38.90 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.7	101.6	141.6
77	80.7	70.6	110.6

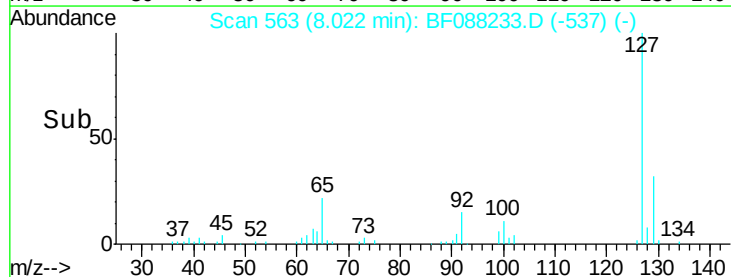
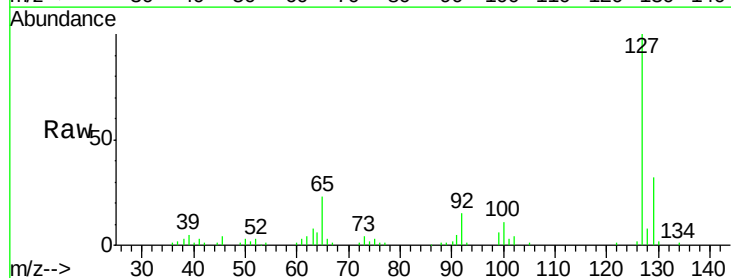
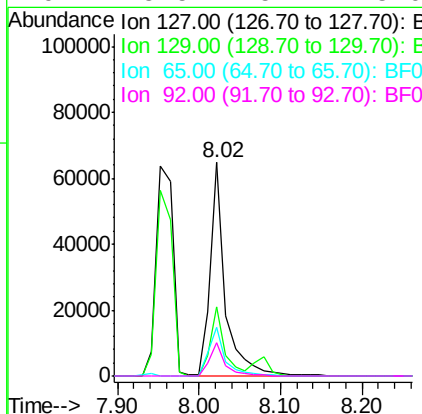
Manual Integrations
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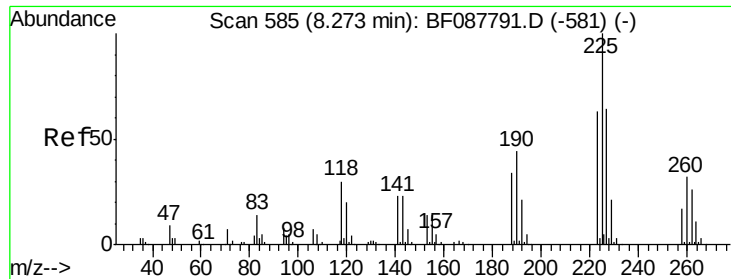
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#33
4-Chloroaniline
Concen: 11.53 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	22.6	24.7	37.1#
92	15.5	15.4	23.0





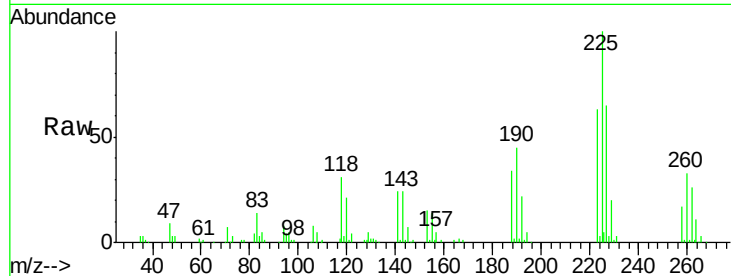
#34
Hexachlorobutadiene
Concen: 42.51 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	111416		
223	63.1	50.9	76.3	
227	64.6	51.9	77.9	

Manual Integrations
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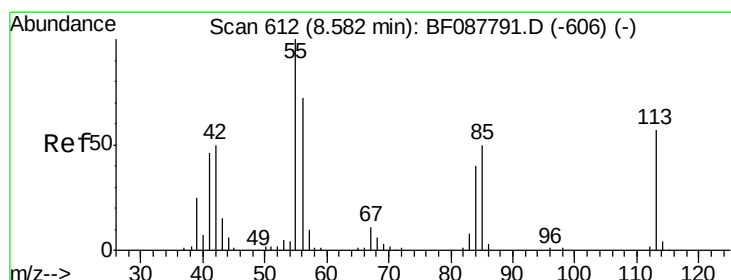
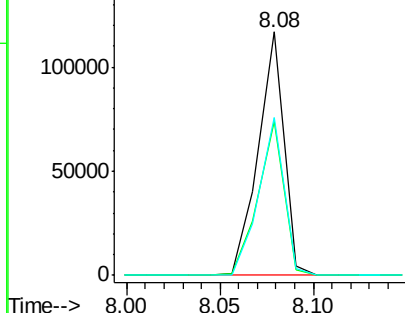
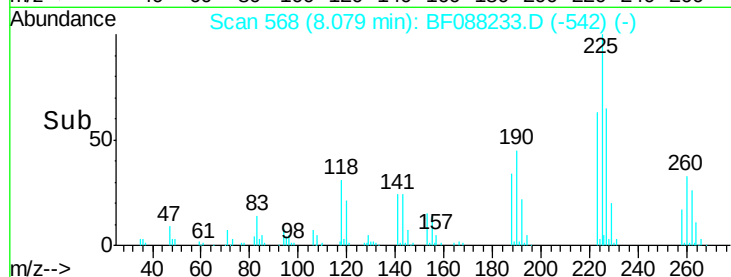


Abundance

Ion 225.00 (224.70 to 225.70): E

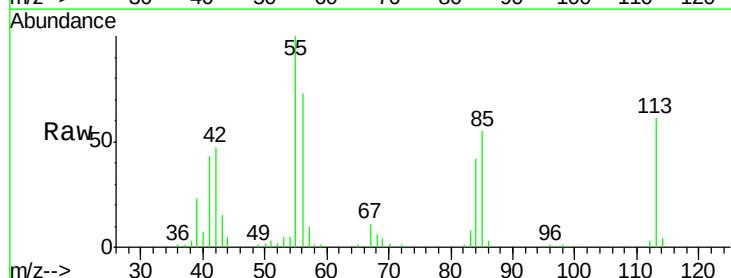
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 43.80 ng m
RT: 8.40 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66212		
55	163.8	158.6	198.6	
56	118.9	110.6	150.6	

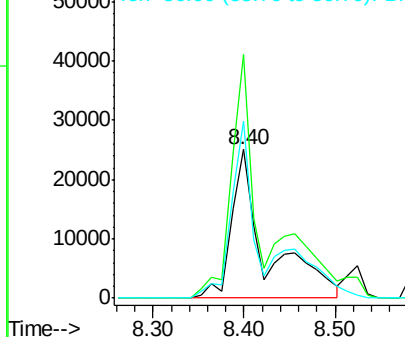
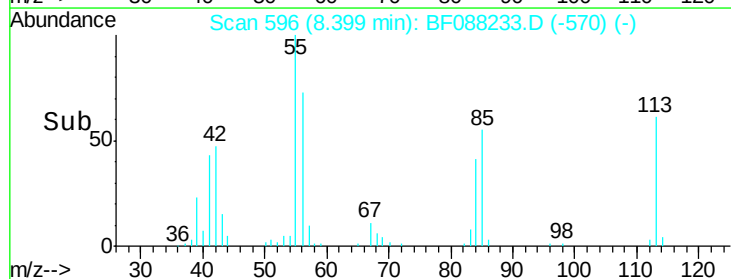


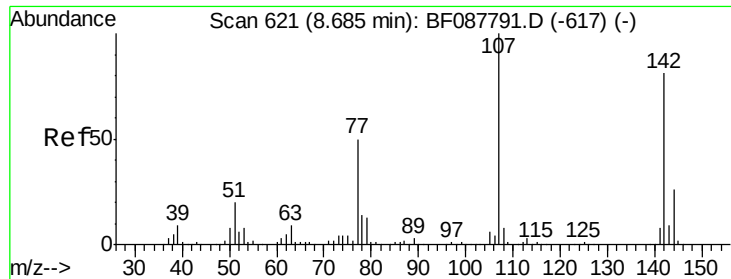
Abundance

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





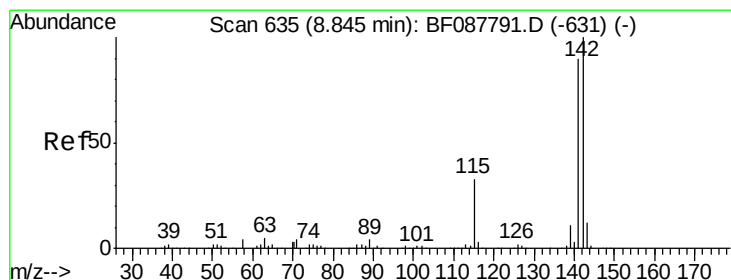
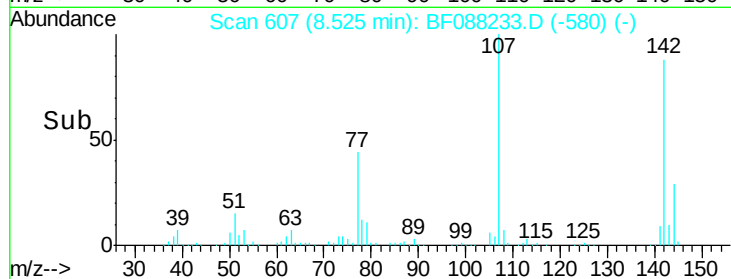
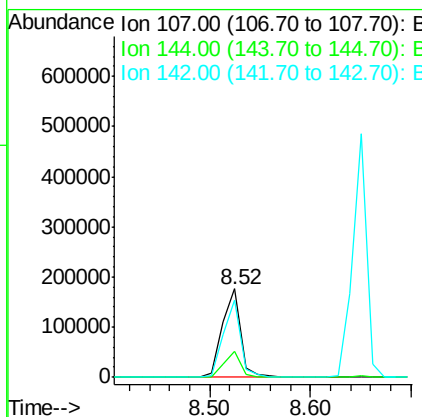
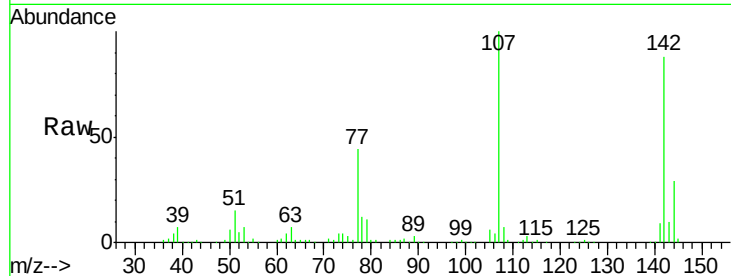
#36
4-Chloro-3-methylphenol
Concen: 45.47 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	221957		
144	28.8	20.8	31.2	
142	87.8	63.4	95.2	

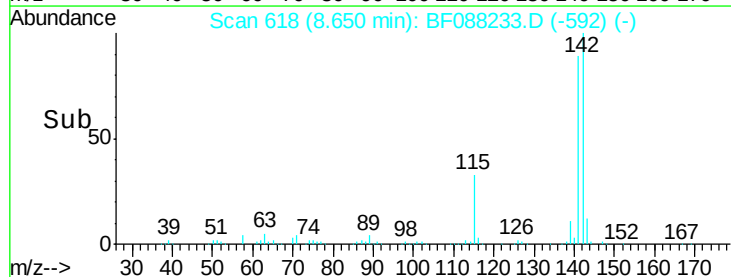
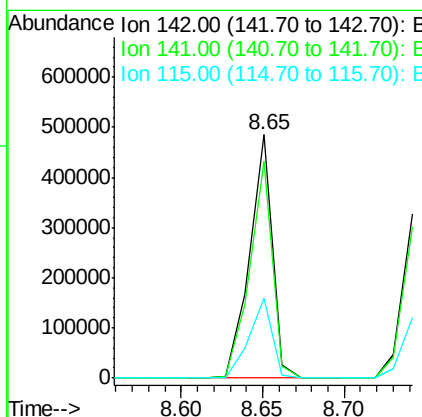
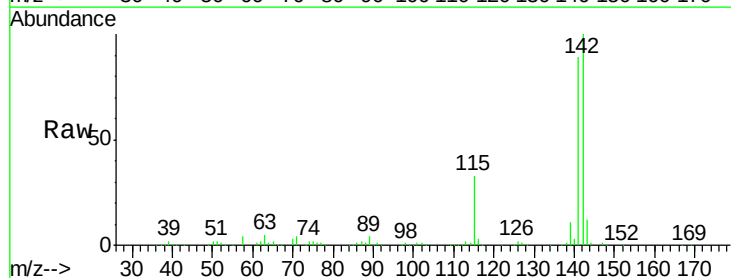
Manual Integrations
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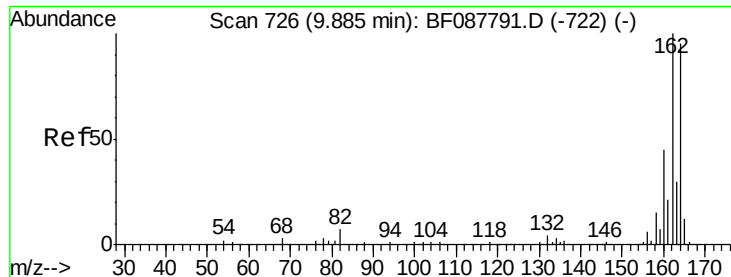
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#37
2-Methylnaphthalene
Concen: 43.01 ng
RT: 8.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	468721		
141	89.2	71.0	106.6	
115	33.0	22.6	33.8	





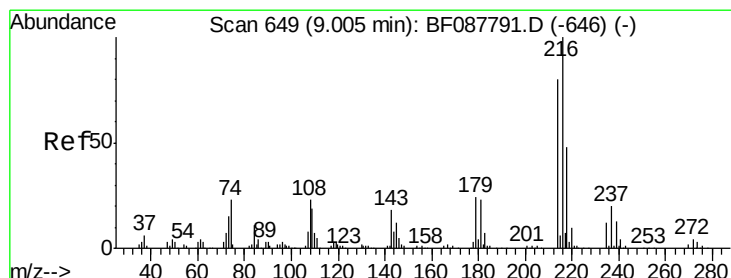
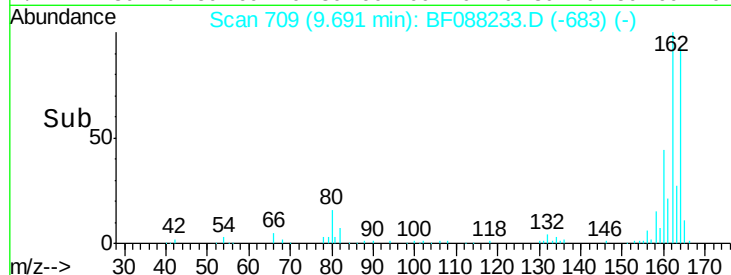
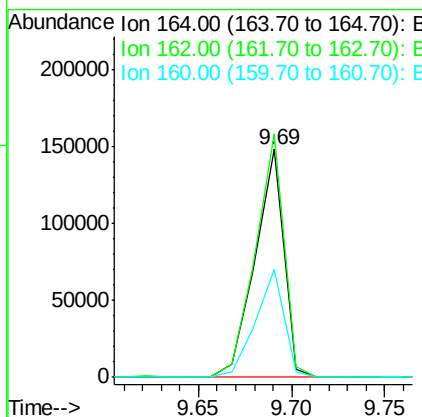
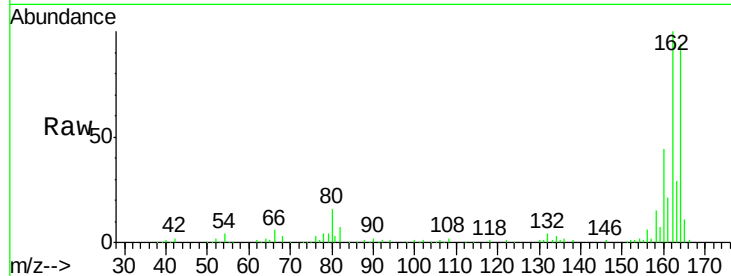
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.4	128.2
160	47.3	39.5	59.3

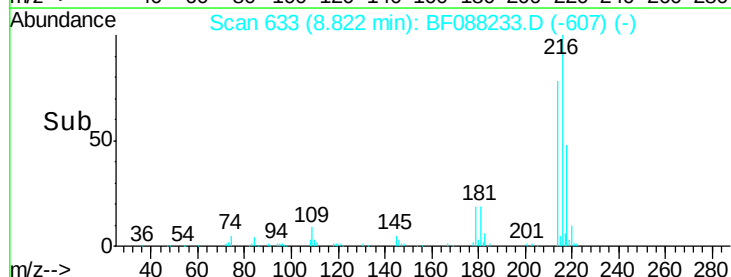
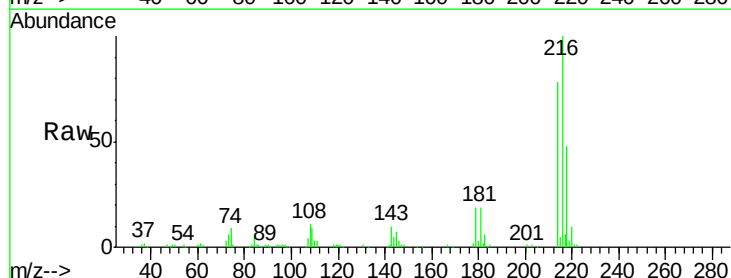
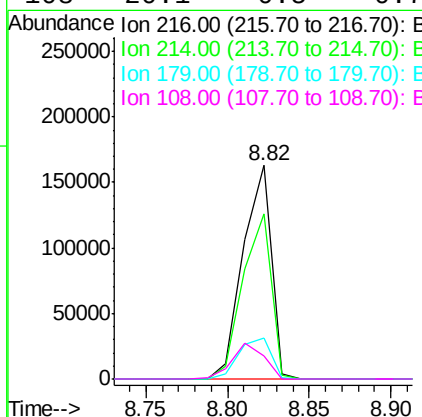
Manual Integrations
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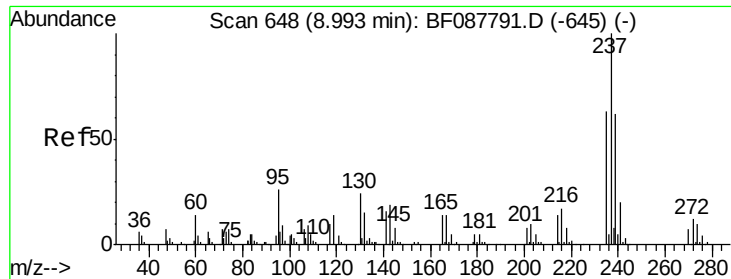
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.32 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	2.9	4.3#
179	21.8	0.0	0.0#
108	20.1	0.5	0.7#





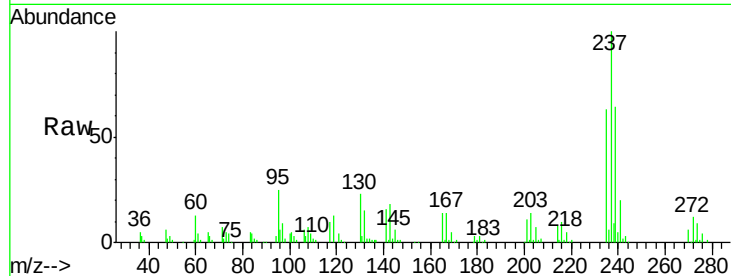
#40
Hexachlorocyclopentadiene
Concen: 44.20 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	43.4	83.4
272	11.8	0.0	32.3

Manual Integrations
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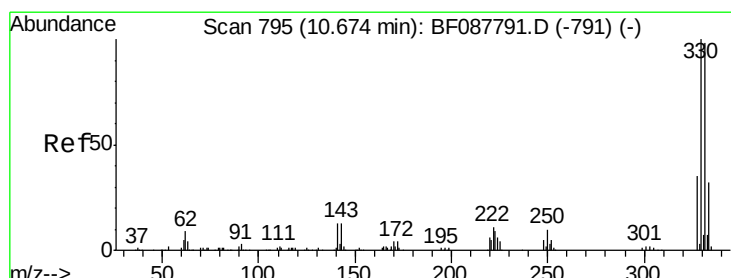
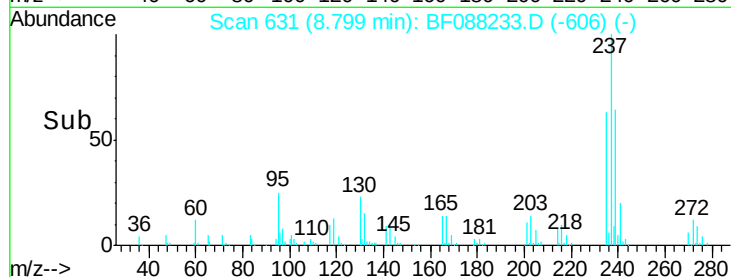
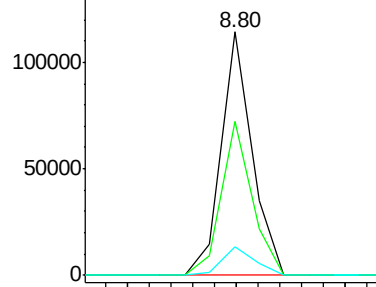


Abundance

Ion 236.80 (236.50 to 237.50): E

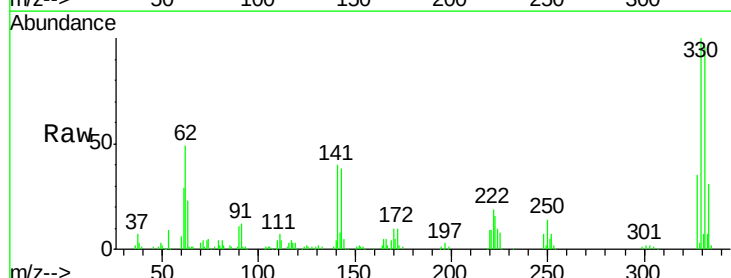
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41
2,4,6-Tribromophenol
Concen: 102.21 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	40.9	0.0	0.0#

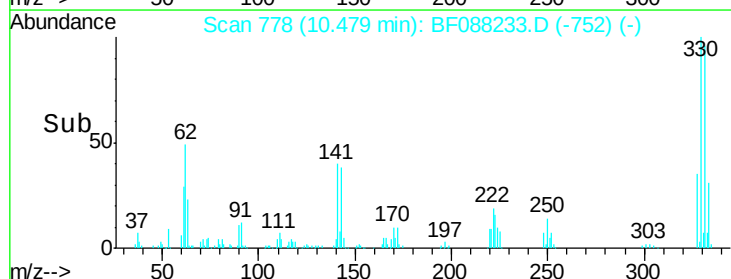
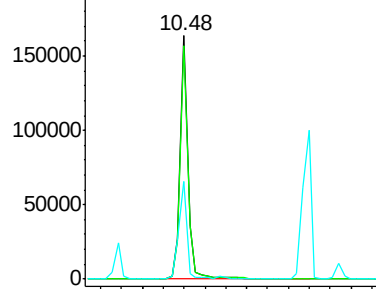


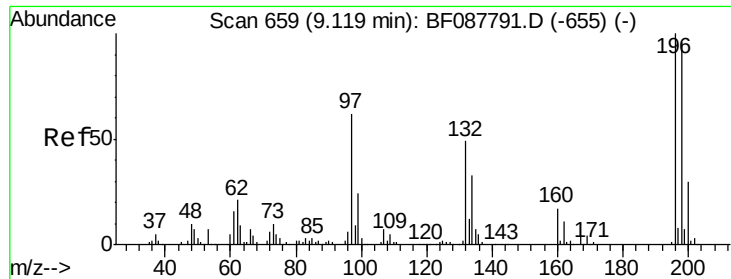
Abundance

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





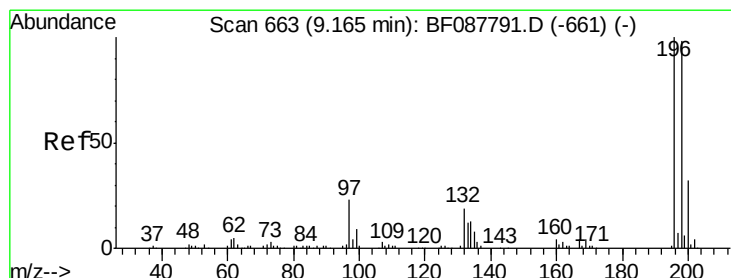
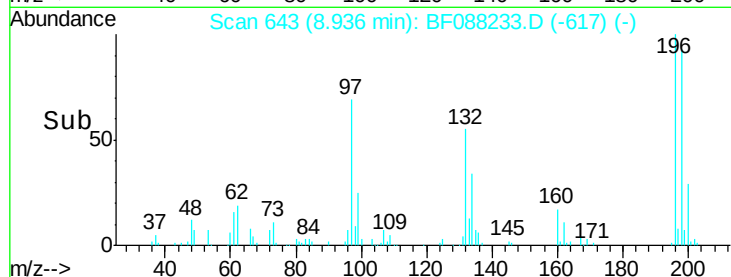
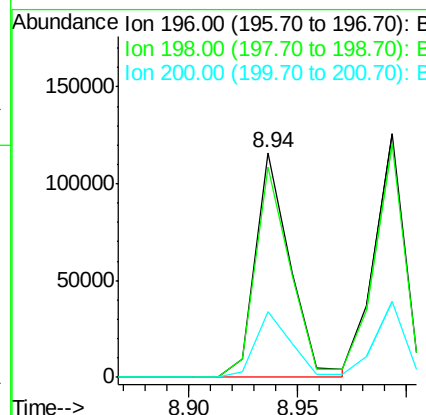
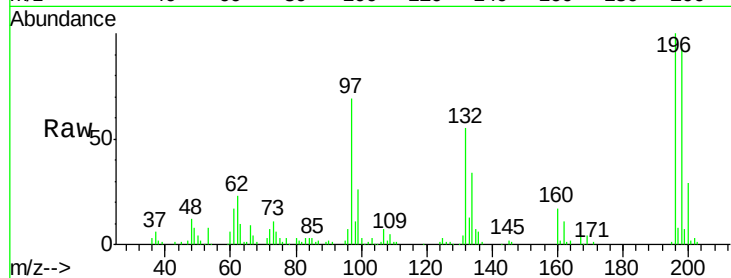
#42
 2,4,6-Trichlorophenol
 Concen: 40.91 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129051		
198	93.3	78.0	117.0	
200	29.0	25.4	38.2	

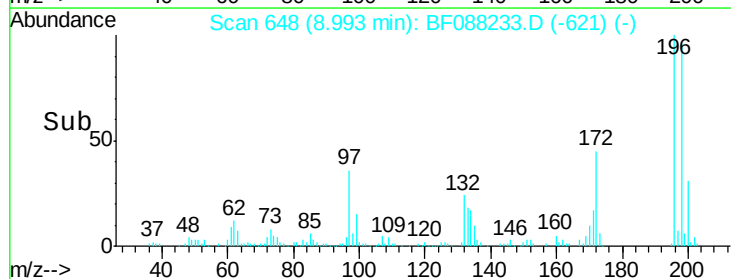
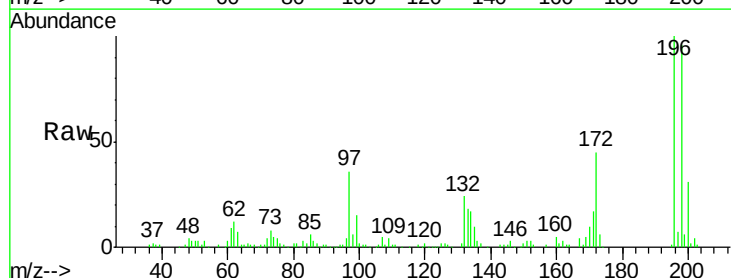
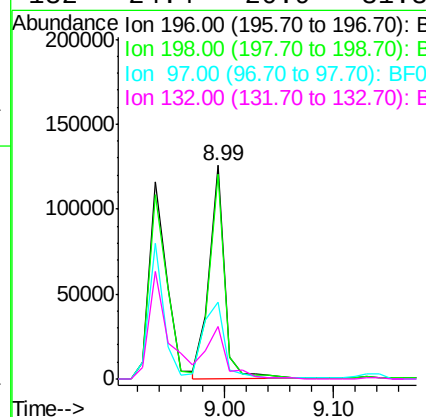
Manual Integrations
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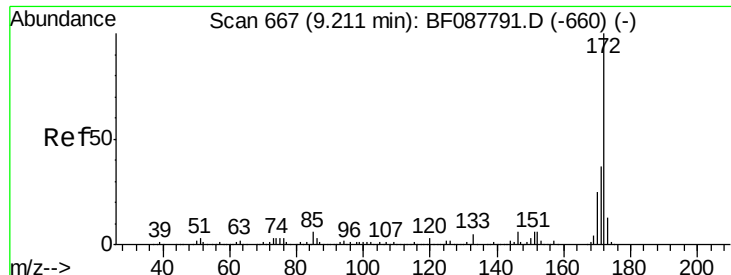
sohil
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#43
 2,4,5-Trichlorophenol
 Concen: 38.63 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126785		
198	95.7	77.5	116.3	
97	36.2	32.0	48.0	
132	24.4	20.9	31.3	





#44

2-Fluorobiphenyl

Concen: 81.94 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

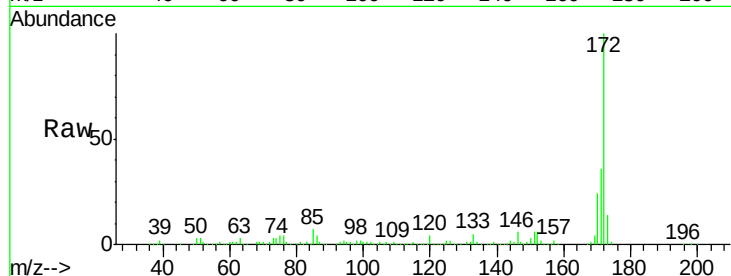
PB91471BS

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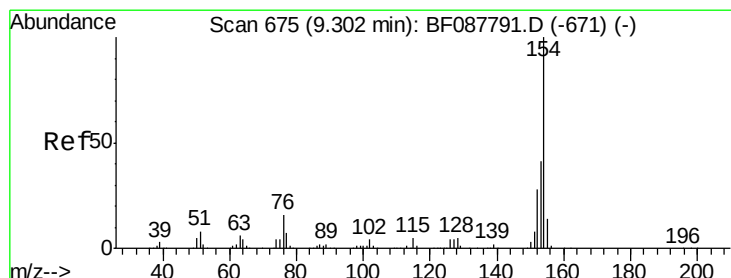
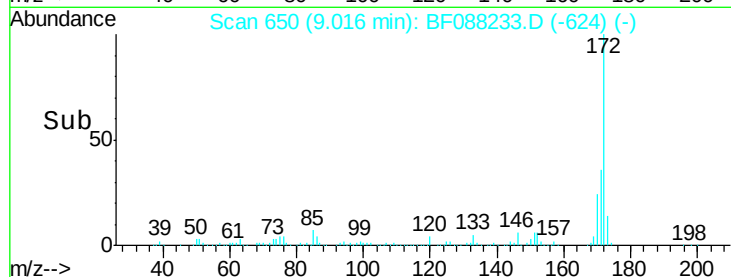
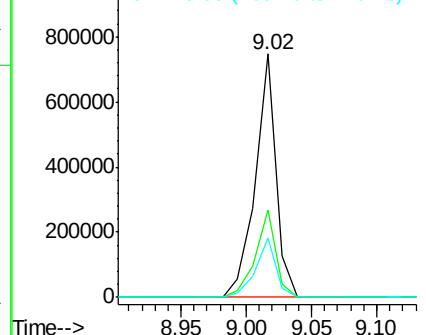
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 49.69 ng

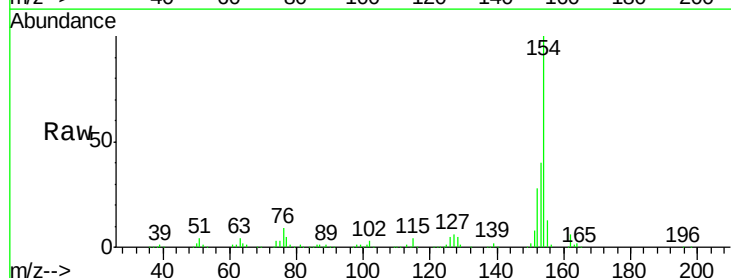
RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

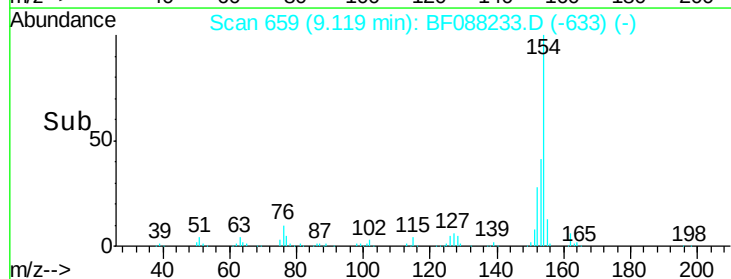
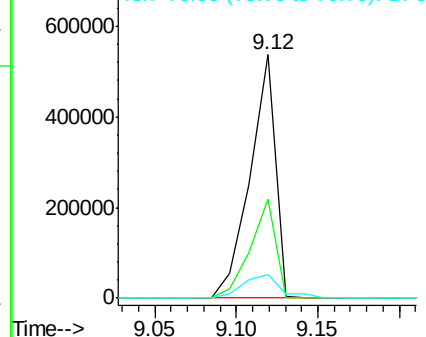
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	9.5	0.0	35.1

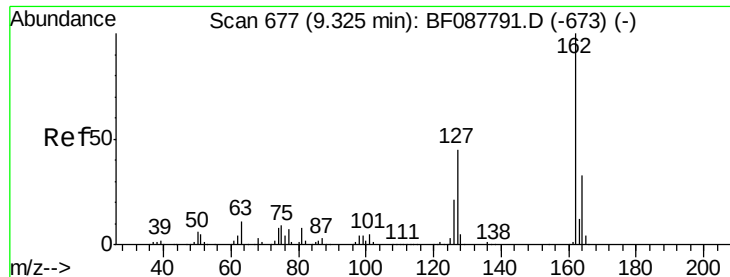


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





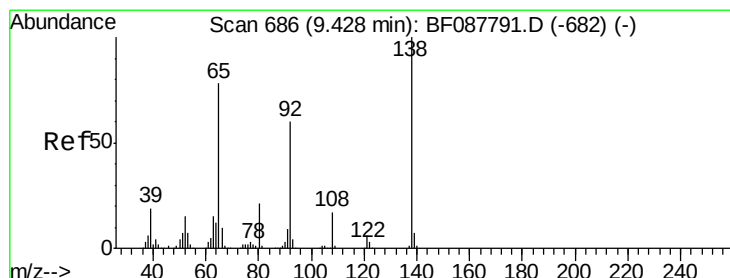
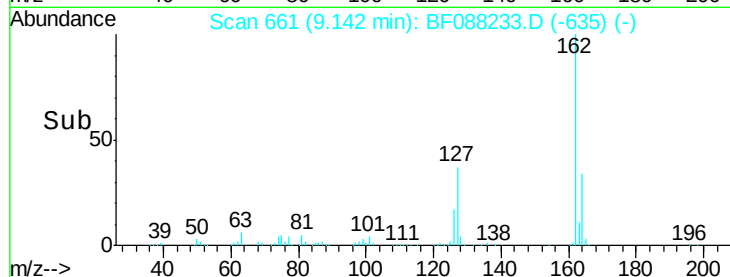
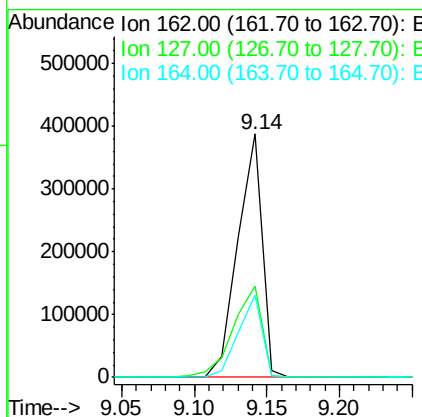
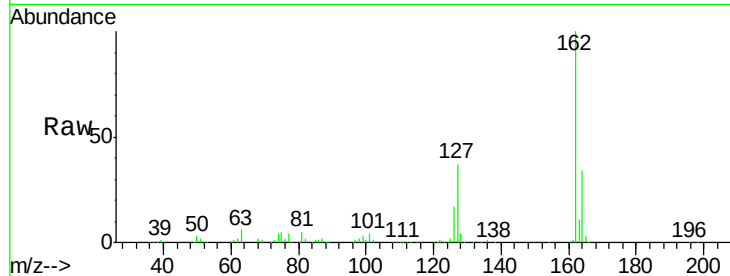
#46
 2-Chloronaphthalene
 Concen: 44.10 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampled :
 PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	450176		
127	37.3		35.2	52.8
164	33.7		26.6	39.8

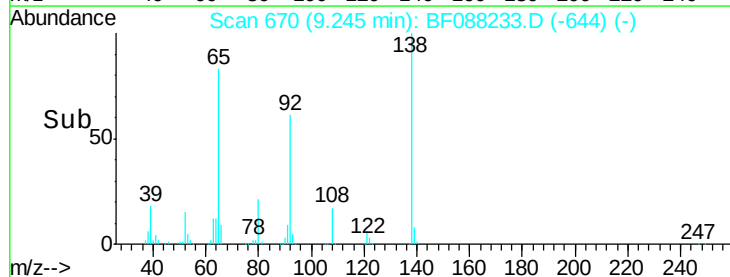
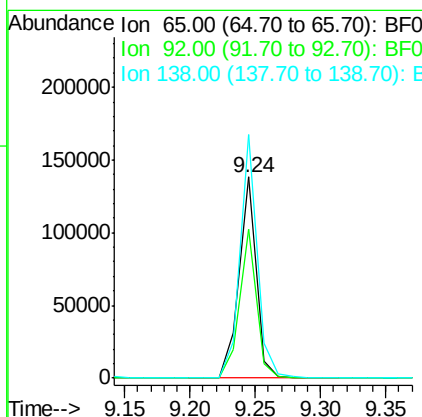
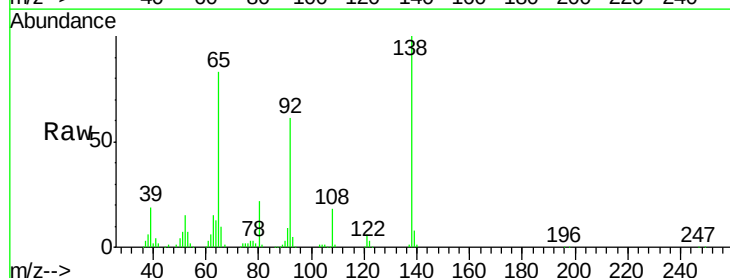
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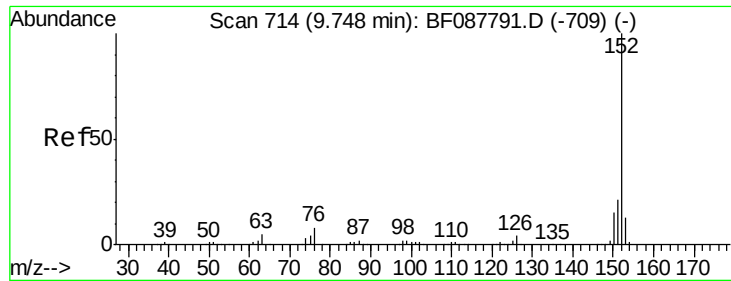
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#47
 2-Nitroaniline
 Concen: 41.86 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	126043		
92	74.1		54.6	82.0
138	120.9		77.0	115.4





#48

Acenaphthylene

Concen: 43.56 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

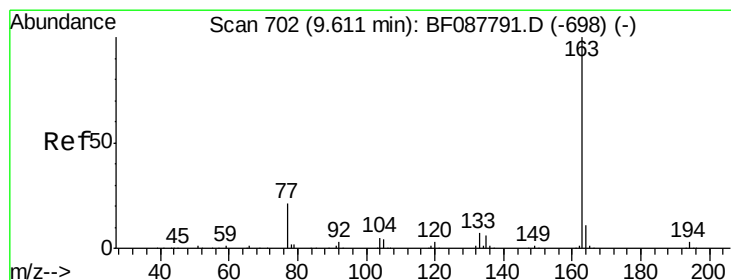
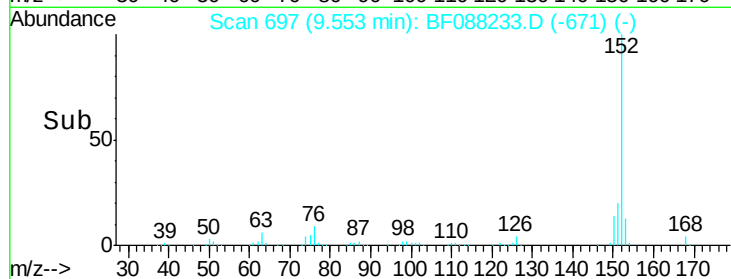
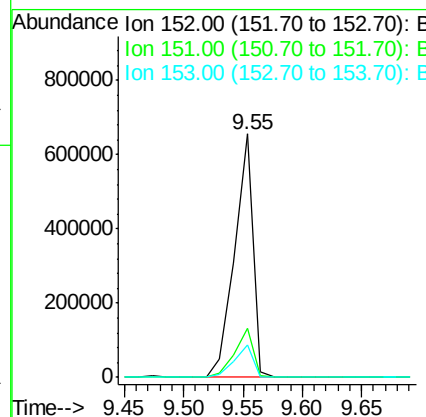
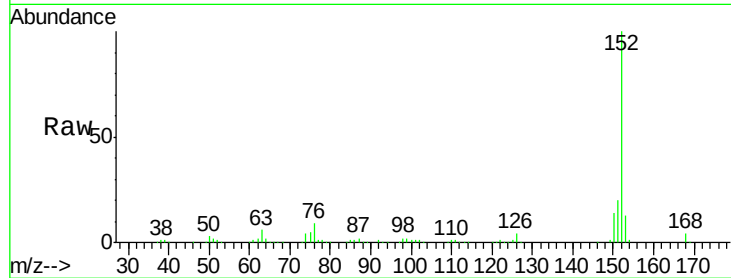
ClientSampleId :

PB91471BS

Tot Ion:	152	Resp:	707188
Ion Ratio		Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.1	11.0	16.6

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#49

Dimethylphthalate

Concen: 44.95 ng

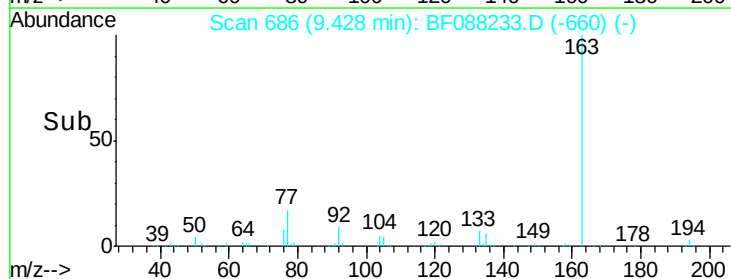
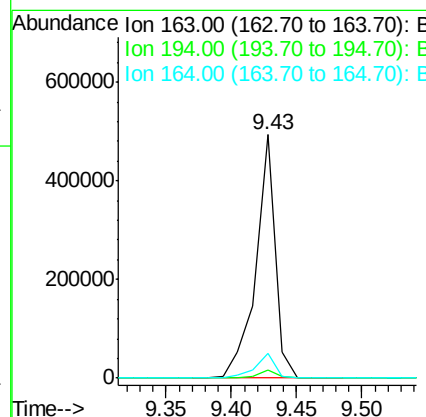
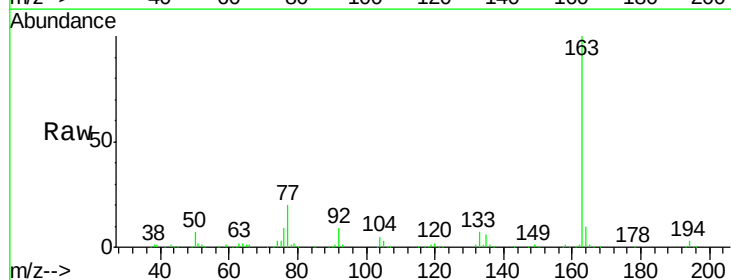
RT: 9.43 min Scan# 686

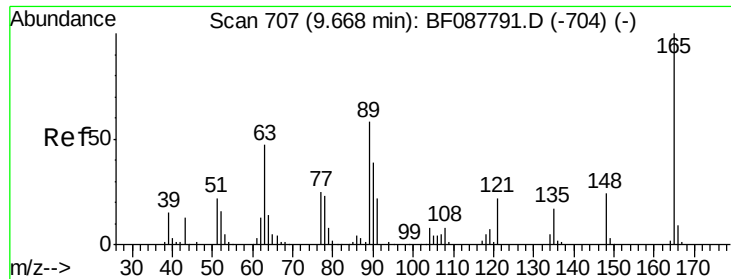
Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:	163	Resp:	513668
Ion Ratio		Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.2	8.3	12.5





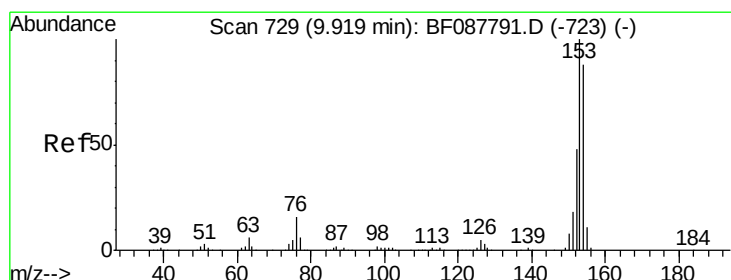
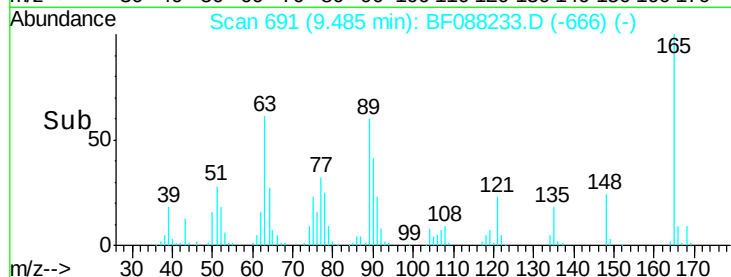
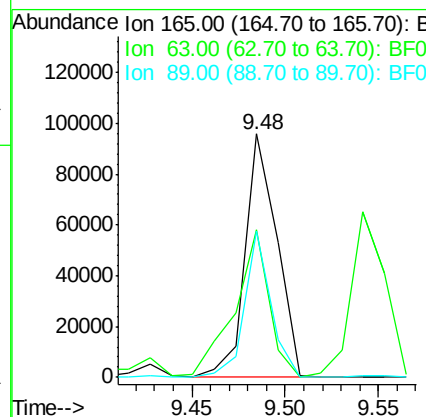
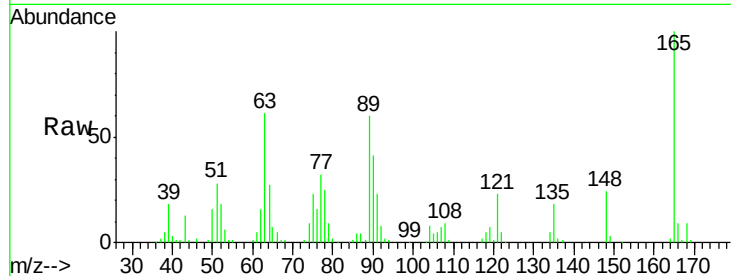
#50
2,6-Dinitrotoluene
Concen: 43.11 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	60.7	28.1	42.1#
89	60.3	32.2	48.2#

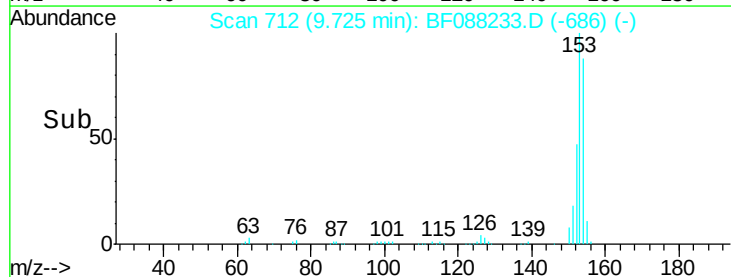
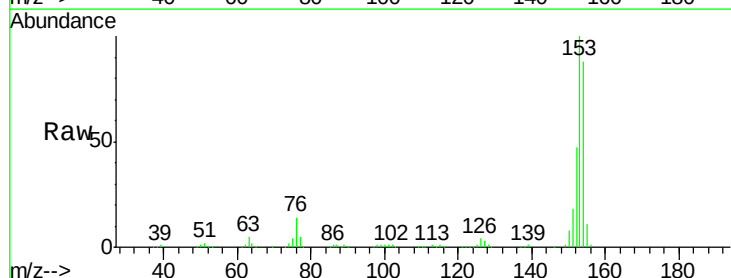
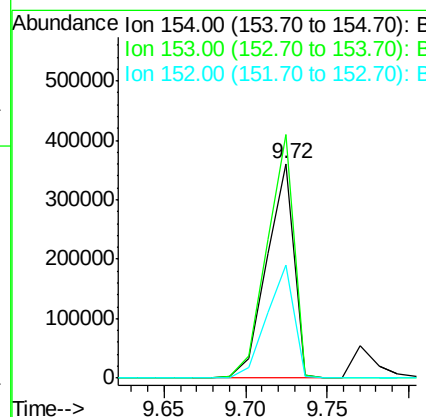
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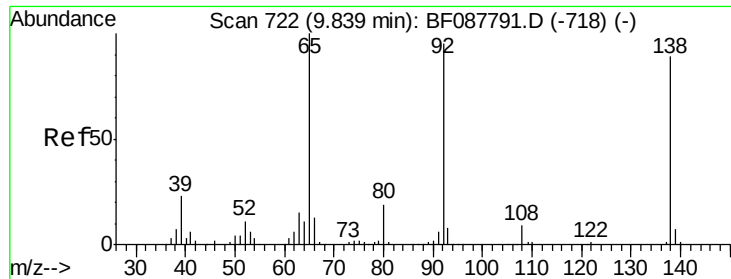
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#51
Acenaphthene
Concen: 41.36 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.5	89.5	134.3
152	52.8	42.7	64.1





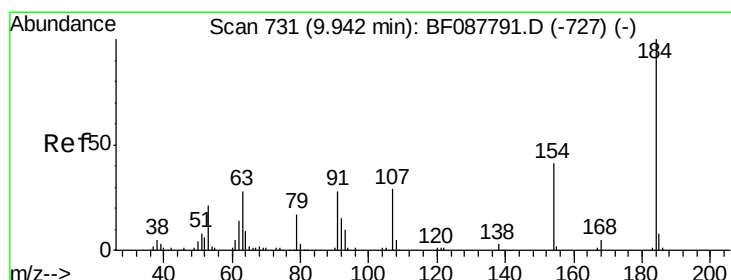
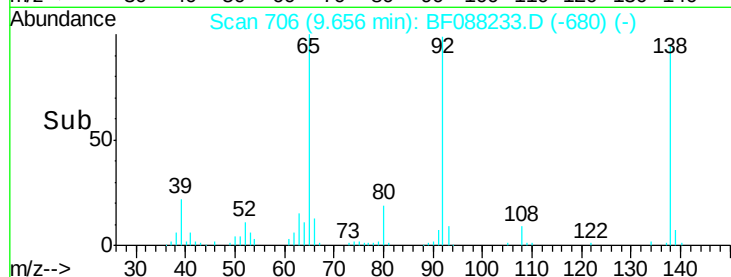
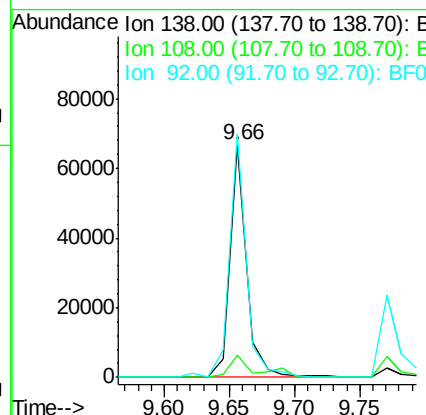
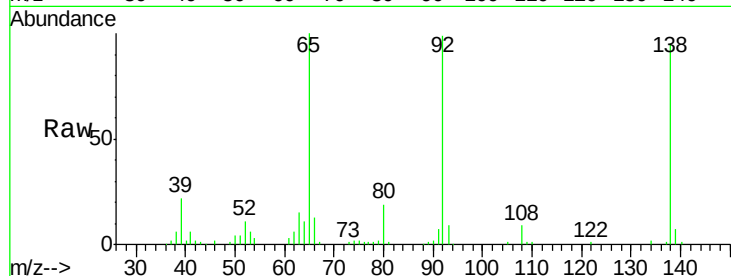
#52
3-Nitroaniline
Concen: 19.69 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.5	12.7
92	104.9	95.7	143.5

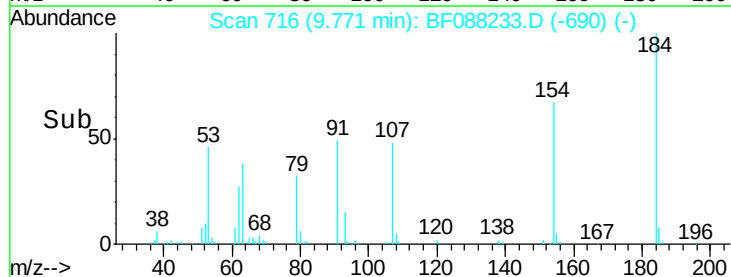
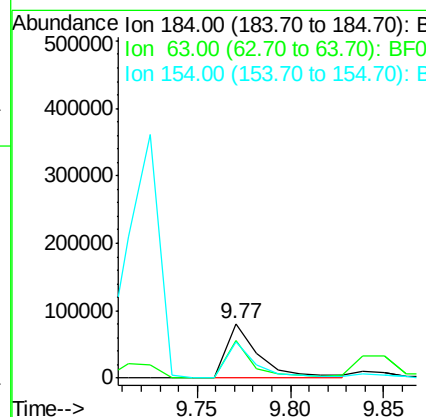
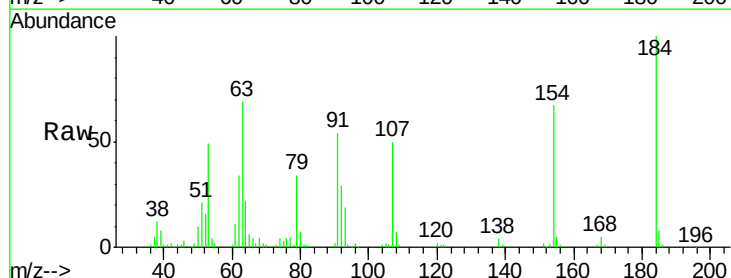
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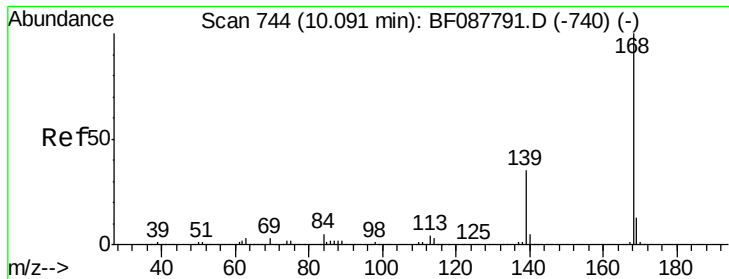
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#53
2,4-Dinitrophenol
Concen: 71.10 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	57.6	86.4
154	67.0	53.5	80.3





#54

Dibenzenofuran

Concen: 41.09 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

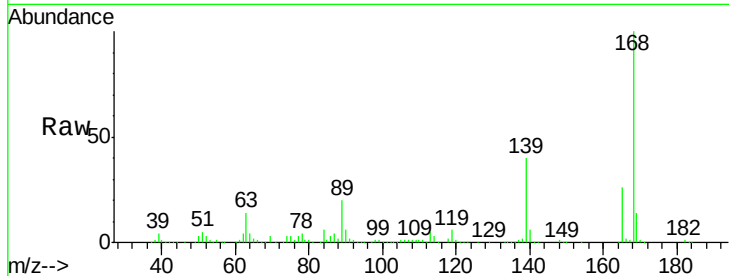
ClientSampleId :

PB91471BS

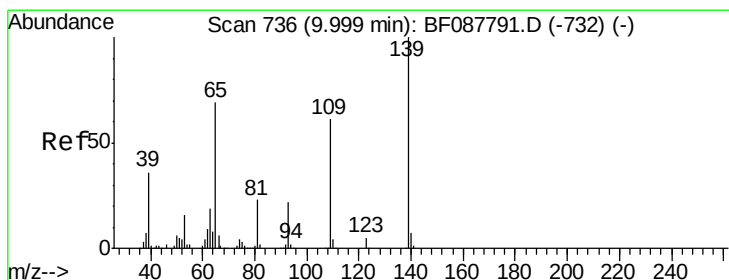
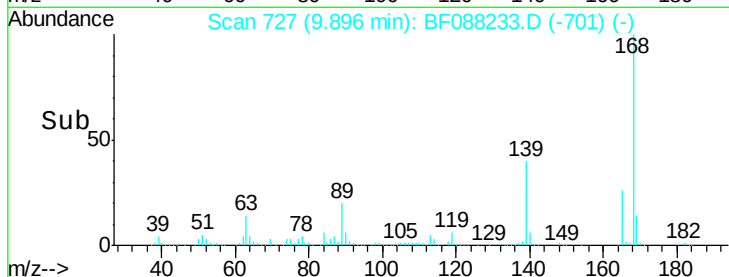
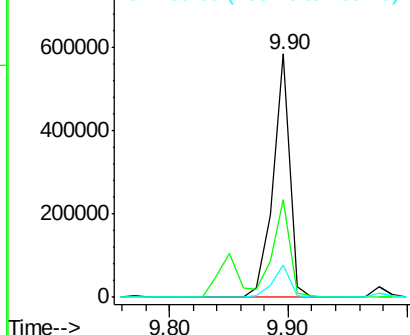
Tot Ion:	168	Resp:	573121
Ion Ratio	Lower	Upper	
168	100		
139	40.0	26.4	39.6#
169	13.6	10.4	15.6

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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: 58.02 ng

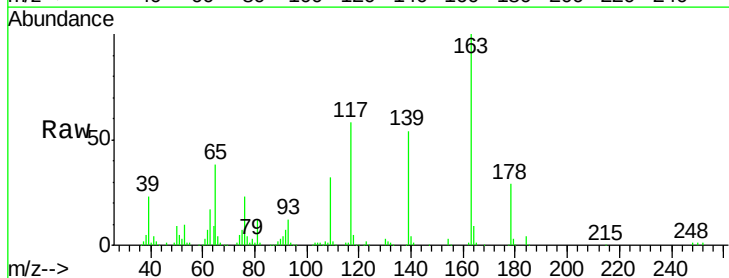
RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

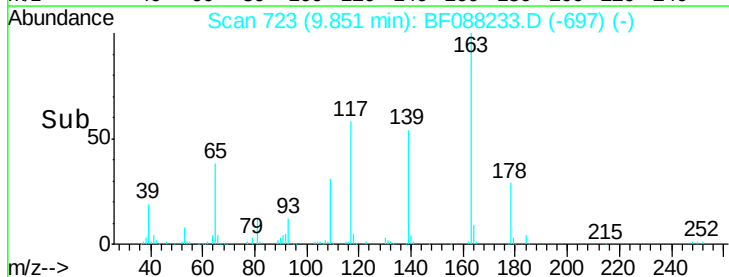
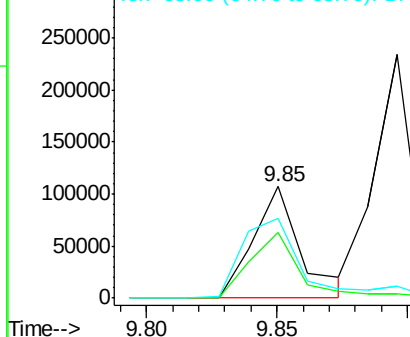
Lab File: BF088233.D

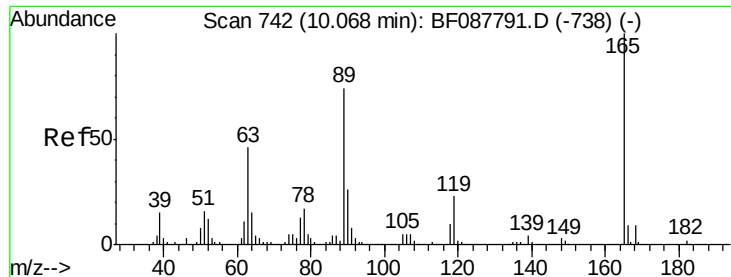
Acq: 22 Jun 2016 1:06

Tgt Ion:	139	Resp:	135980
Ion Ratio	Lower	Upper	
139	100		
109	59.6	48.9	88.9
65	71.3	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: 42.15 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

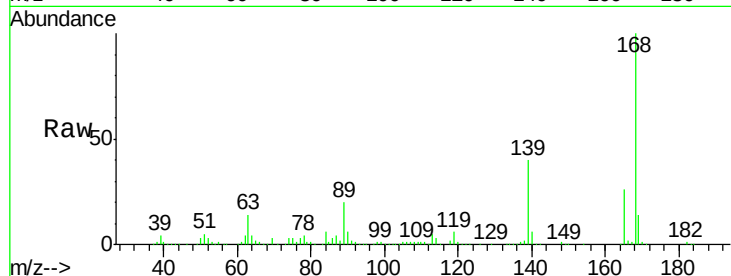
ClientSampleId :

PB91471BS

Tot Ion:	165	Resp:	141760
Ion Ratio	Lower	Upper	
165	100		
63	52.1	22.0	33.0#
89	74.8	41.1	61.7#
182	2.4	2.0	3.0

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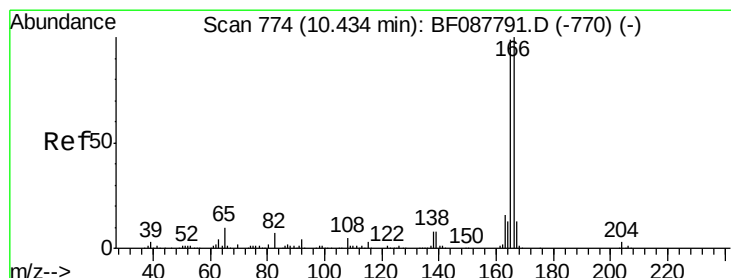
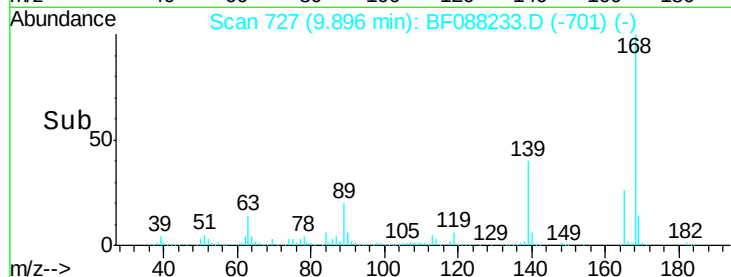
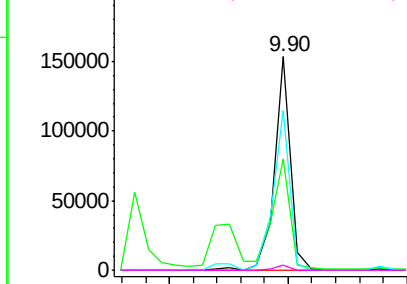


Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.45 ng

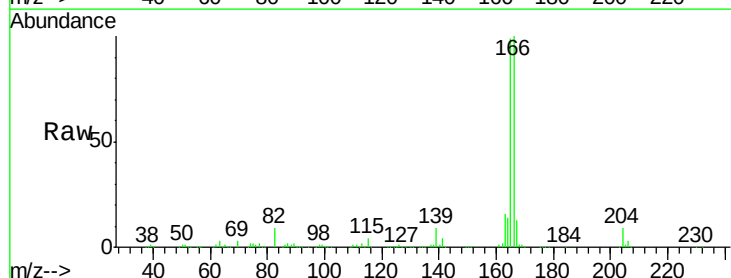
RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

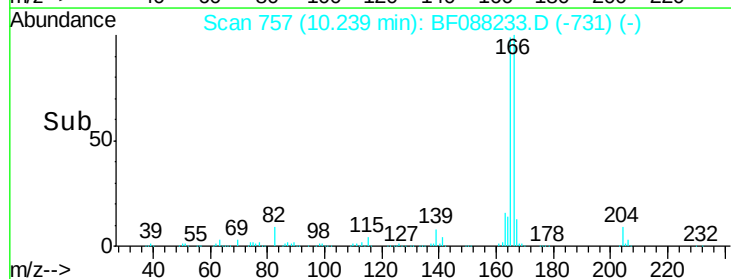
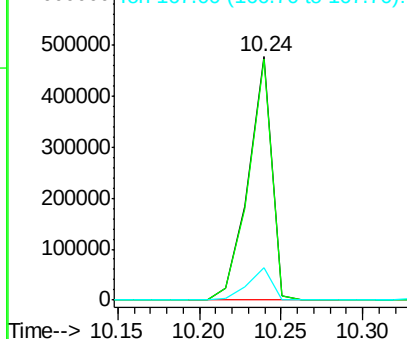
Tgt Ion:	166	Resp:	478467
Ion Ratio	Lower	Upper	
166	100		
165	98.9	77.8	116.8
167	13.4	11.2	16.8

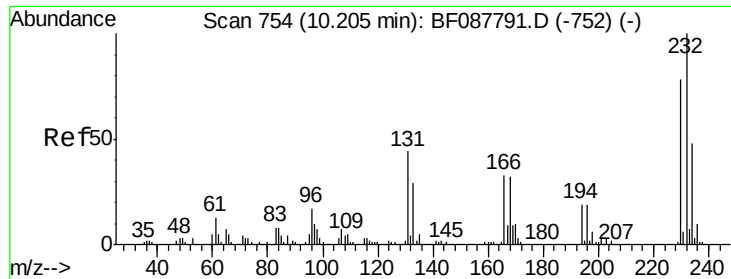


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





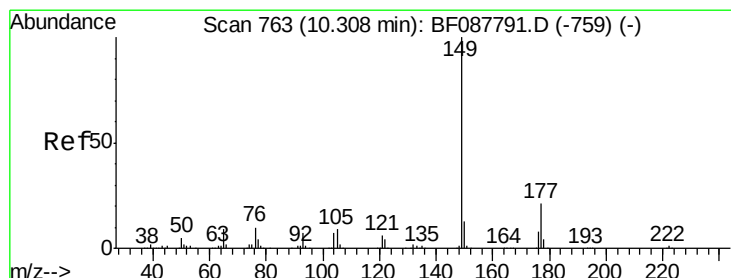
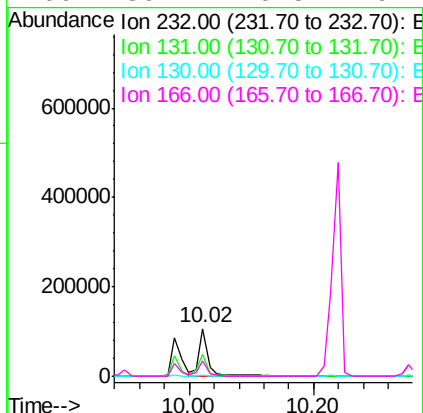
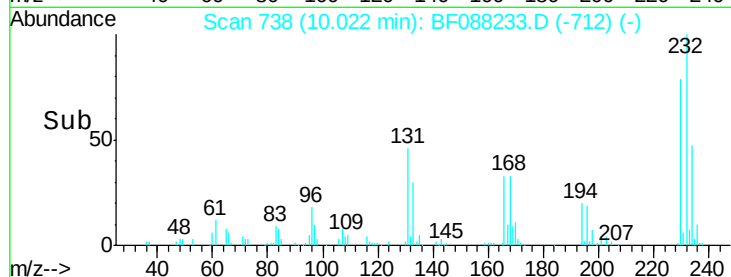
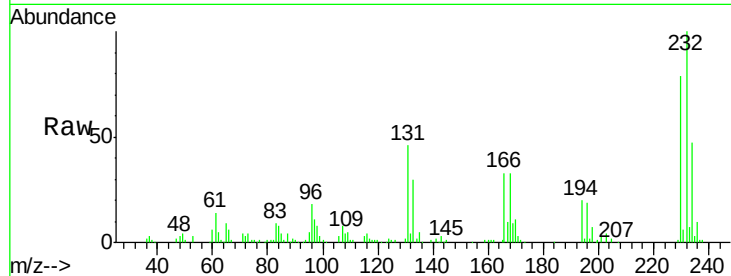
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.05 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	46.9	0.9	1.3#
130	2.2	1.5	2.3
166	30.7	0.5	0.7#

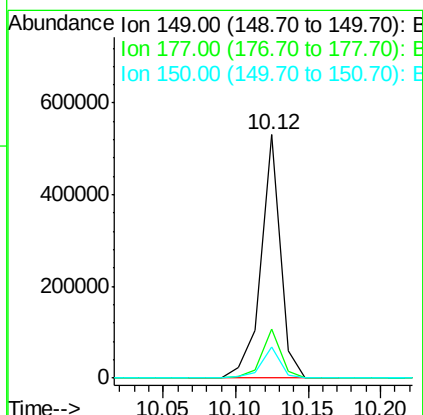
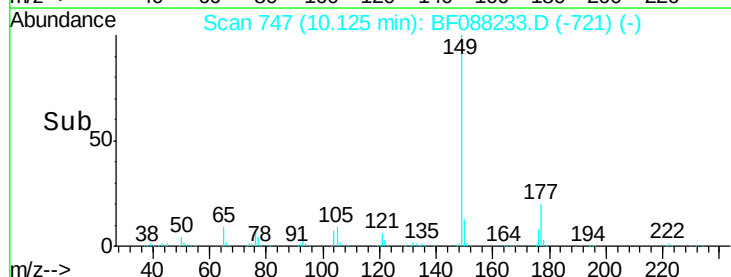
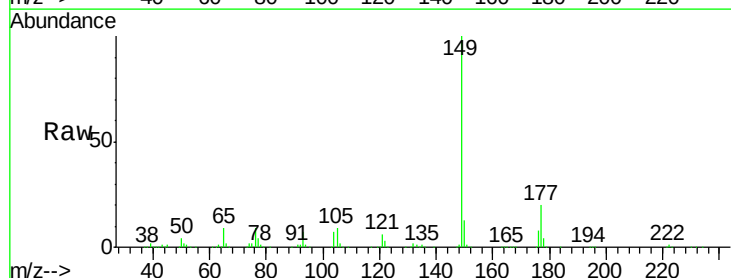
Manual Integrations
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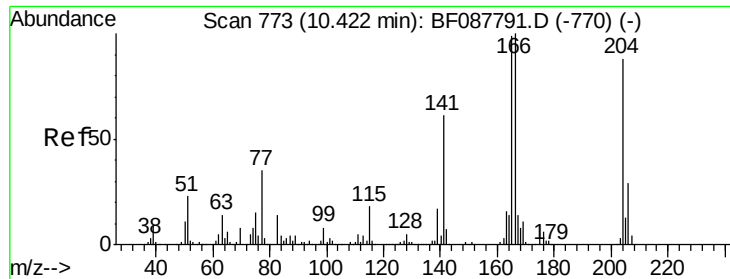
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#59
 Diethylphthalate
 Concen: 42.79 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.1	16.9	25.3
150	12.6	10.1	15.1





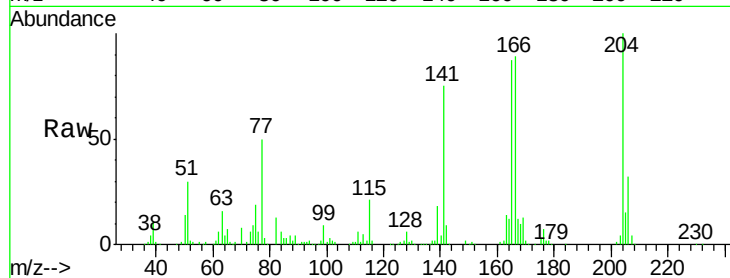
#60
4-Chlorophenyl-phenylether
Concen: 40.26 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampled :
PB91471BS

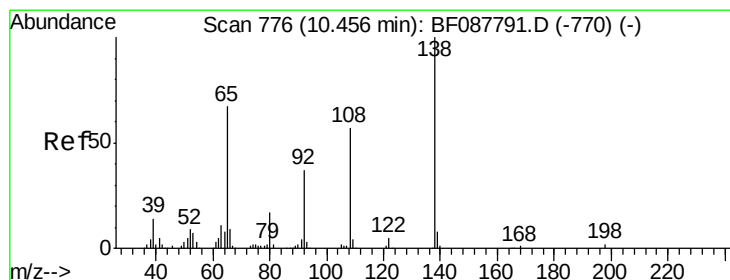
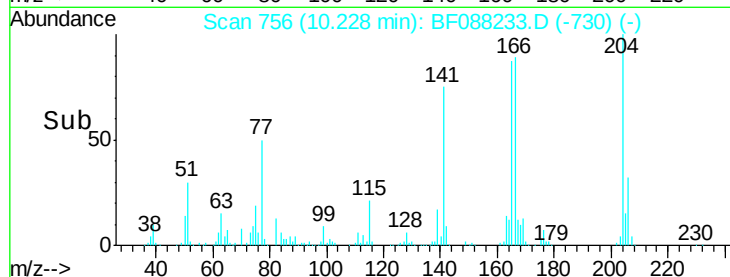
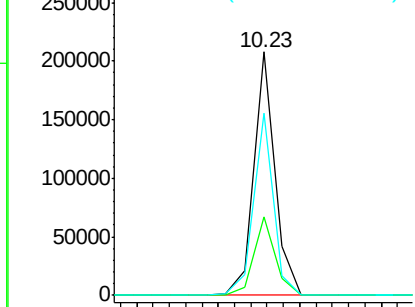
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	74.6	55.0	82.6

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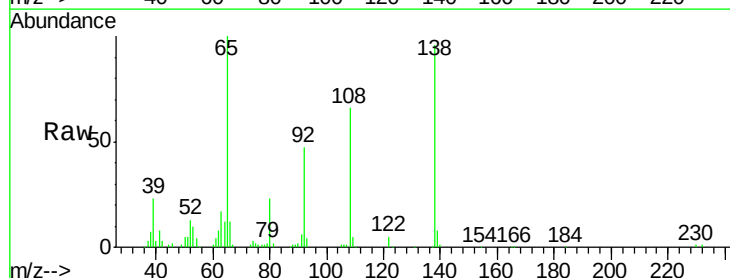


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

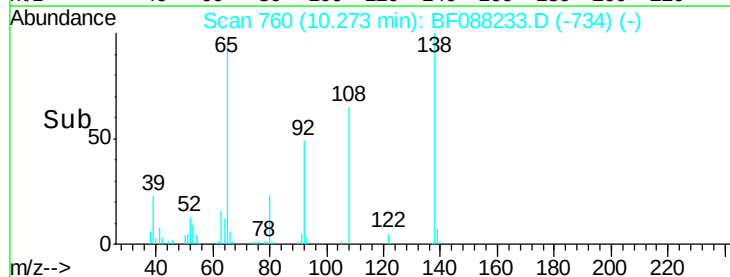
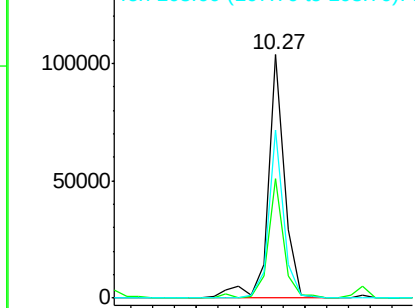


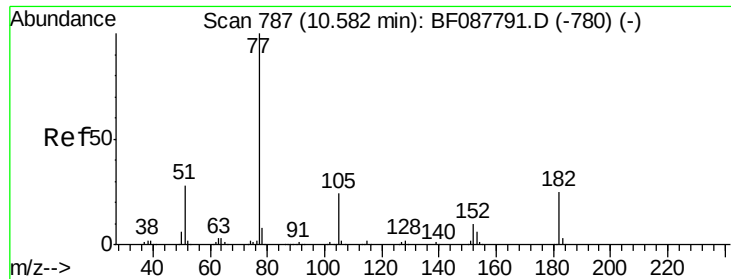
#61
4-Nitroaniline
Concen: 38.36 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	27.3	67.3
108	69.2	46.7	86.7



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





#62

Azobenzene

Concen: 43.53 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

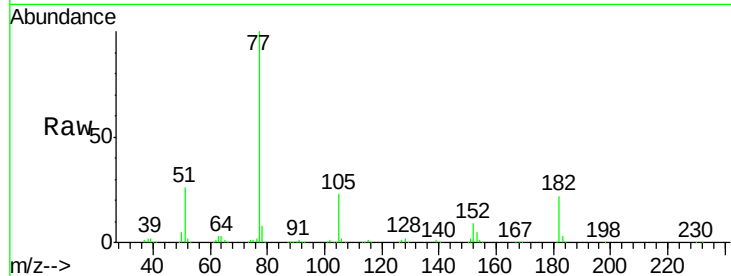
ClientSampleId :

PB91471BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		497841		
182	21.7	4.4	44.4		
105	23.4	3.8	43.8		
51	25.6	9.3	49.3		

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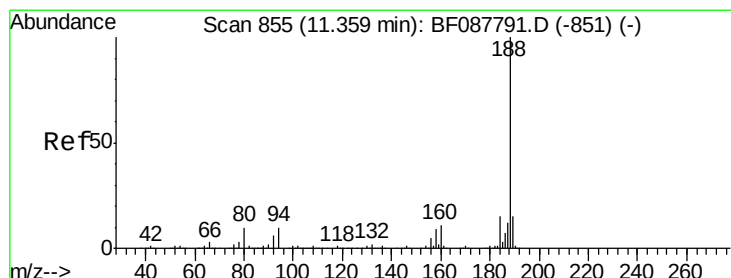
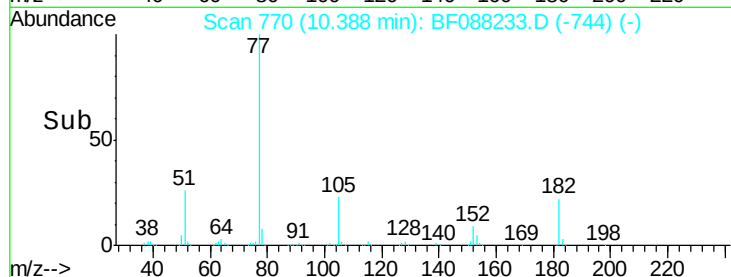
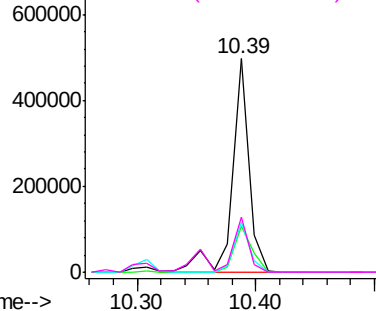


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

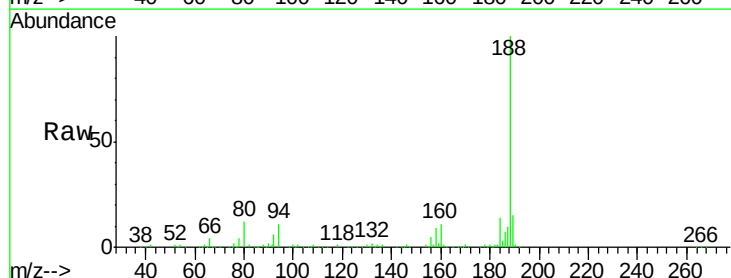
RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

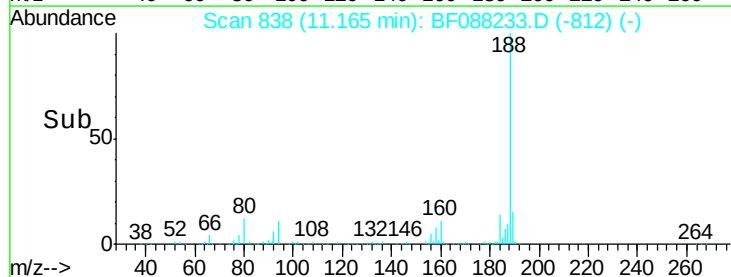
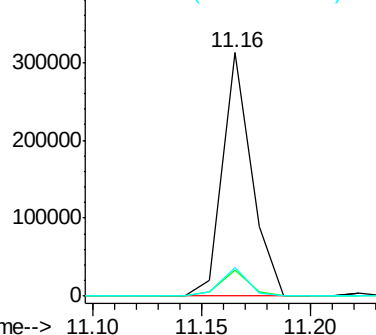
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		290521		
94	10.9	9.0	13.6		
80	11.7	10.0	15.0		

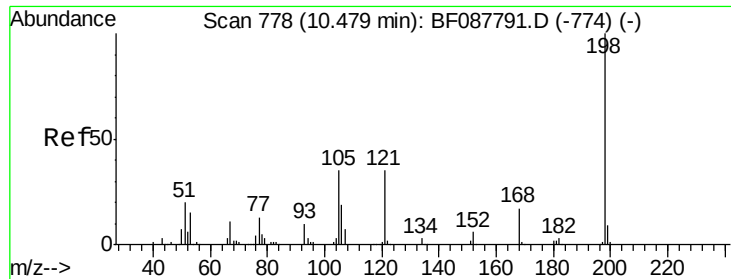


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





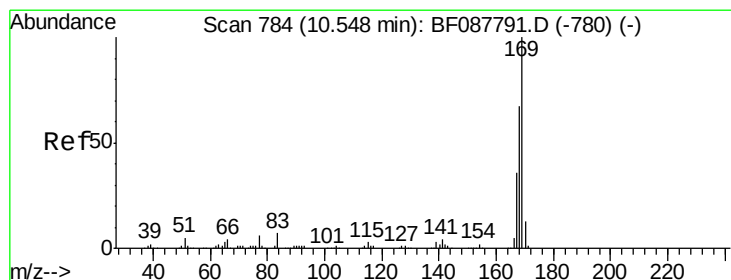
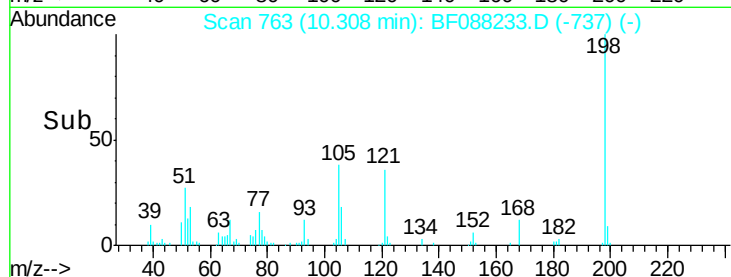
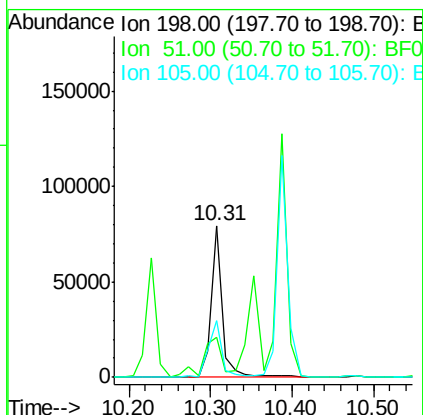
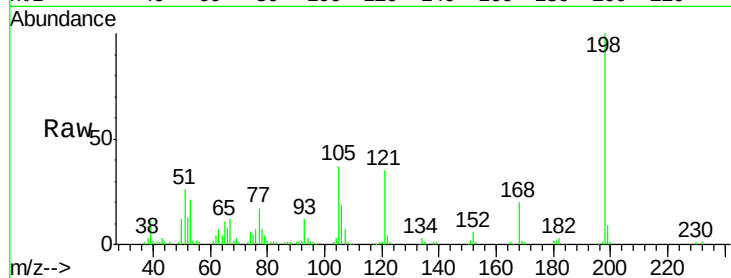
#64
4,6-Dinitro-2-methylphenol
Concen: 43.31 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	78152		
51	26.2	39.6	79.6#	
105	37.0	36.6	76.6	

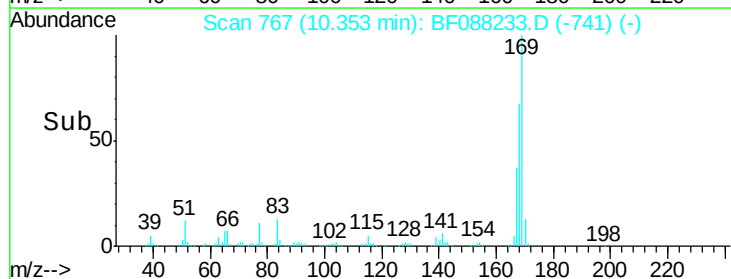
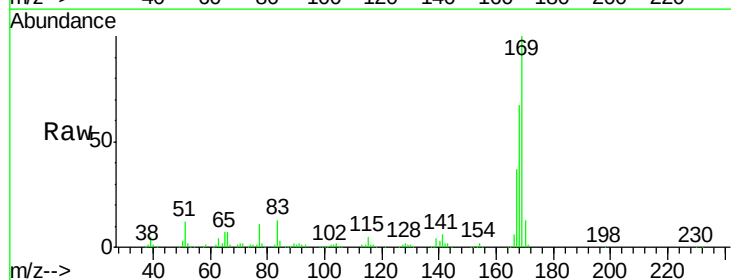
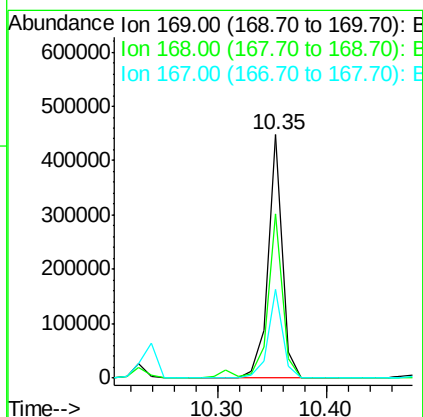
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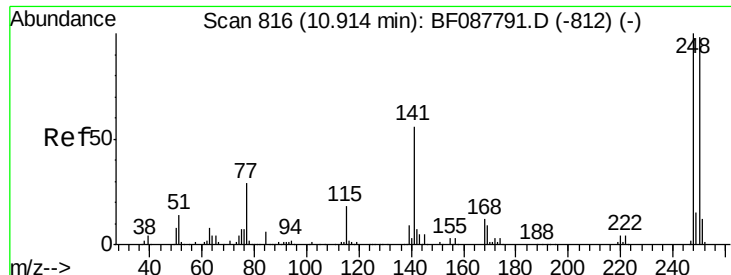
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#65
n-Nitrosodiphenylamine
Concen: 42.55 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	410167		
168	67.4	53.4	80.0	
167	36.6	29.4	44.0	





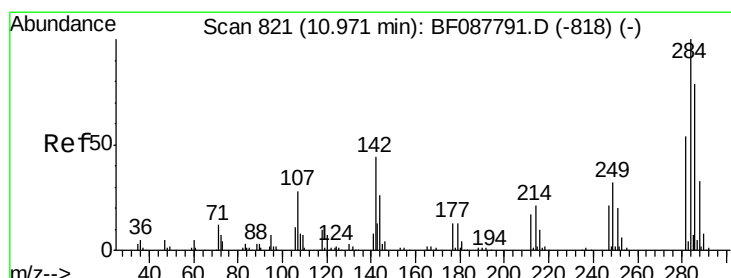
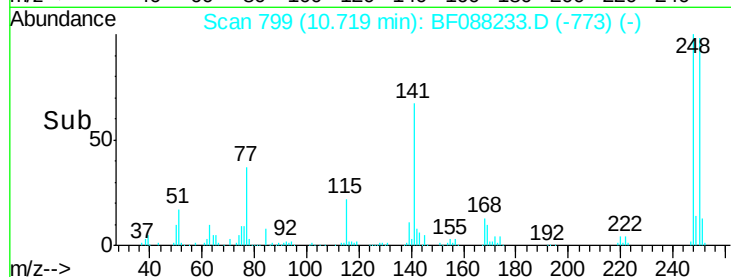
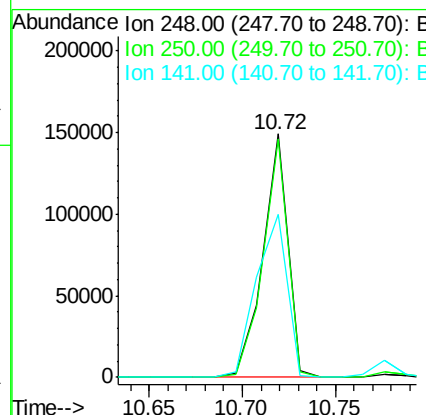
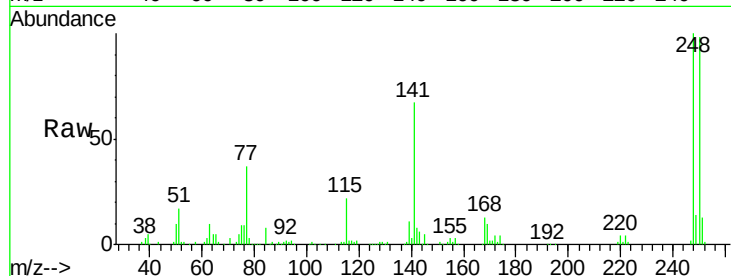
#66
 4-Bromophenyl-phenylether
 Concen: 43.83 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.1	115.7
141	67.1	50.6	76.0

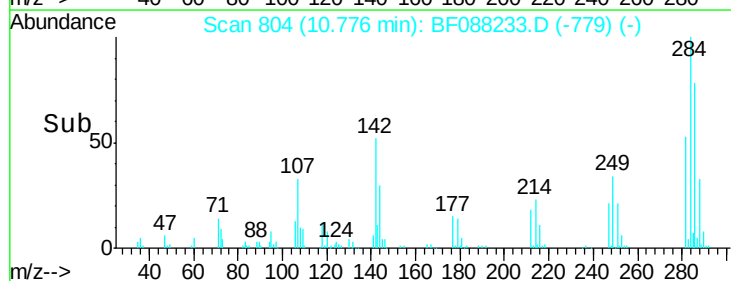
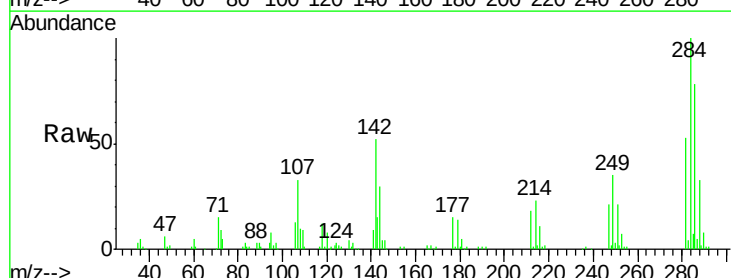
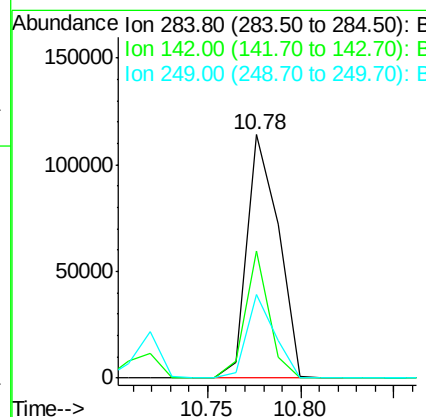
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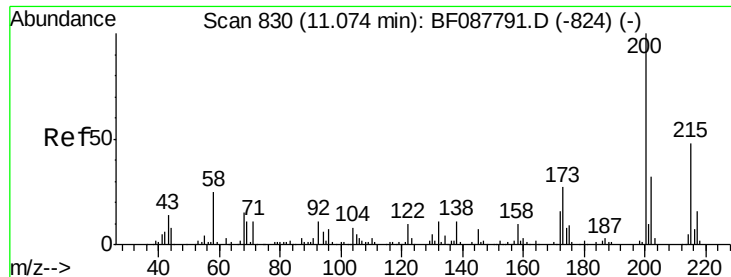
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#67
 Hexachlorobenzene
 Concen: 41.07 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.3	35.8	53.8
249	34.6	25.8	38.6





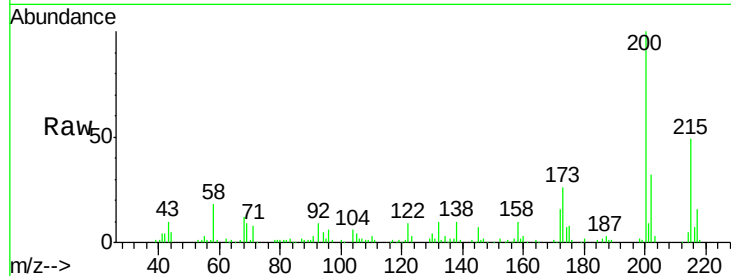
#68
Atrazine
Concen: 41.98 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampled :
PB91471BS

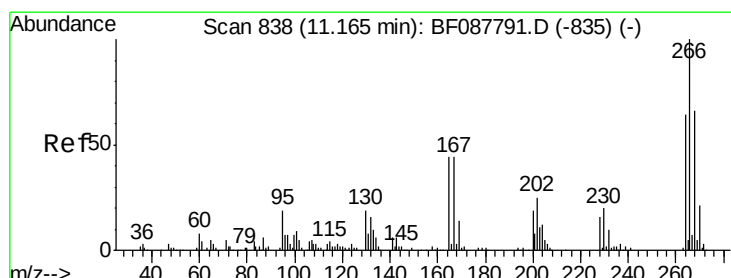
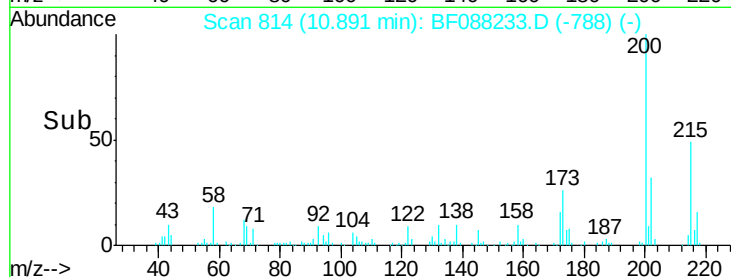
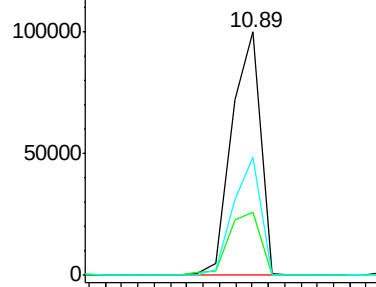
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	4.0	44.0
215	48.6	29.3	69.3

Manual Integrations
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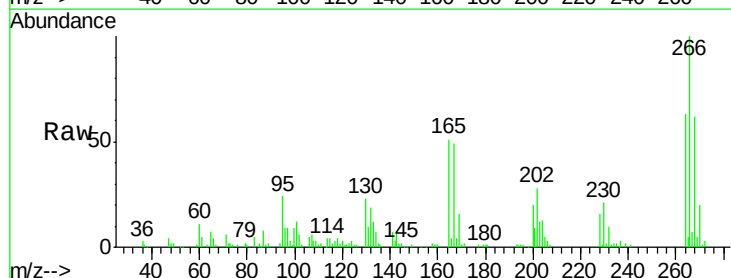


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

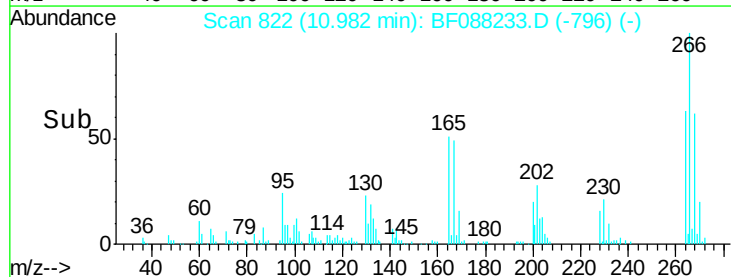
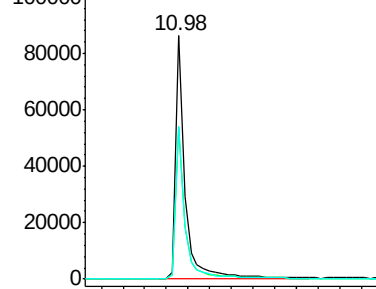


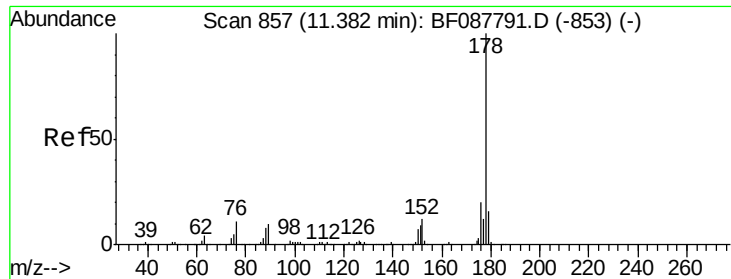
#69
Pentachlorophenol
Concen: 62.39 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.1	52.8	79.2
264	62.9	49.6	74.4



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





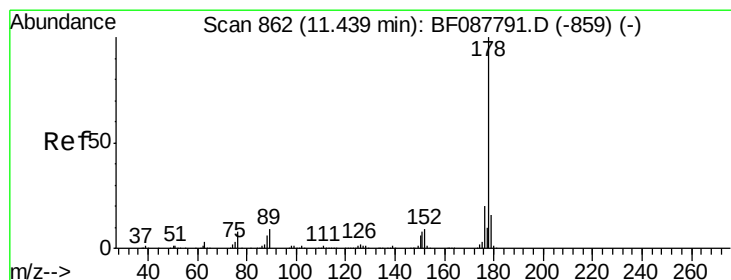
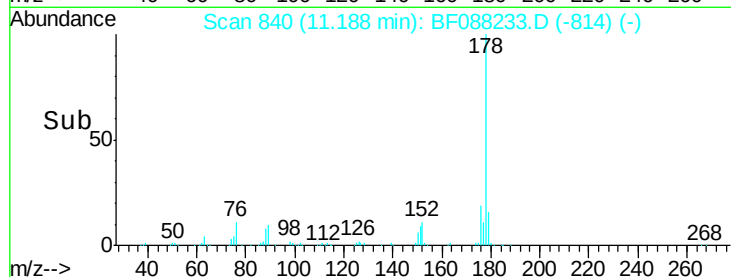
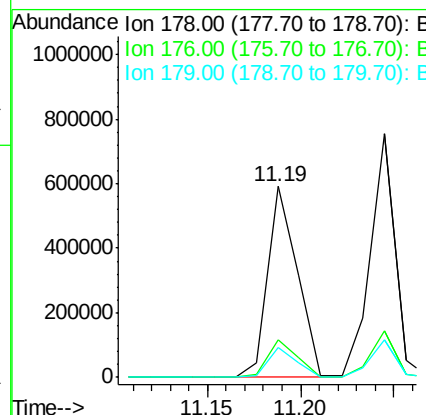
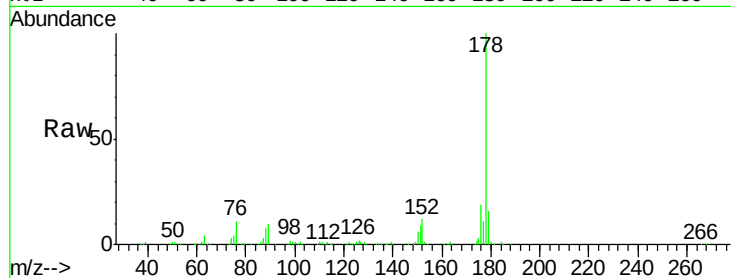
#70
Phenanthrene
Concen: 43.27 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.7	13.0	19.4

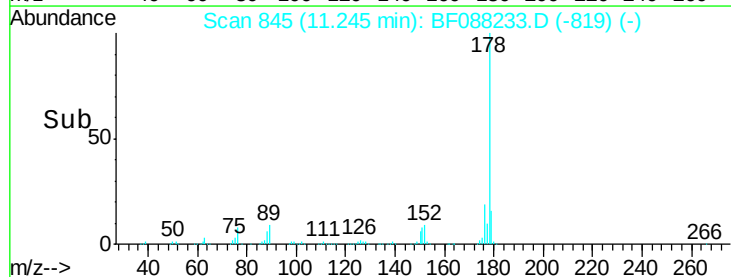
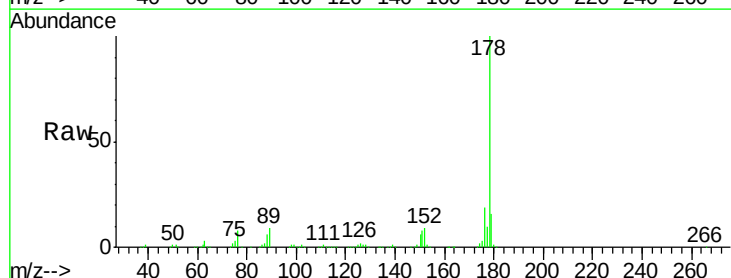
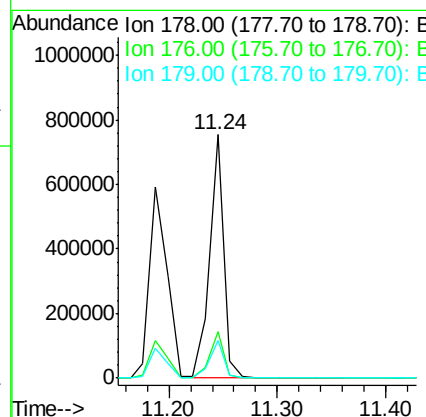
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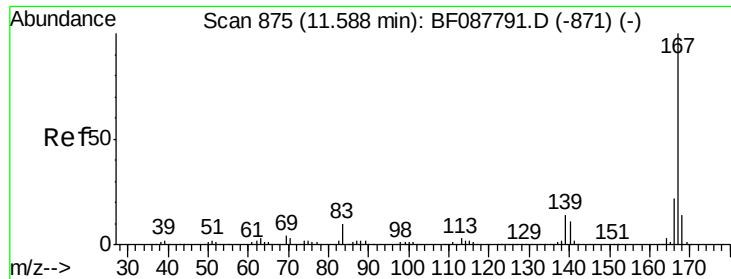
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#71
Anthracene
Concen: 44.44 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.6	12.8	19.2





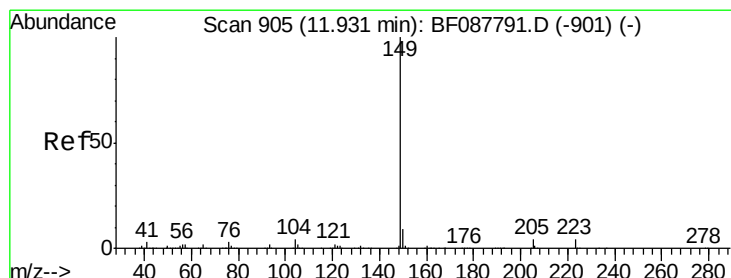
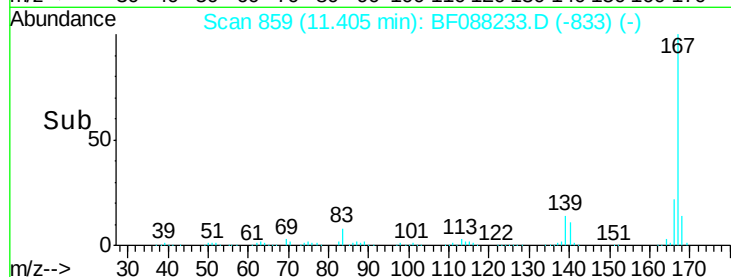
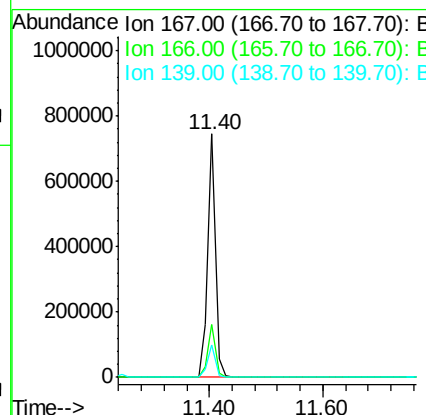
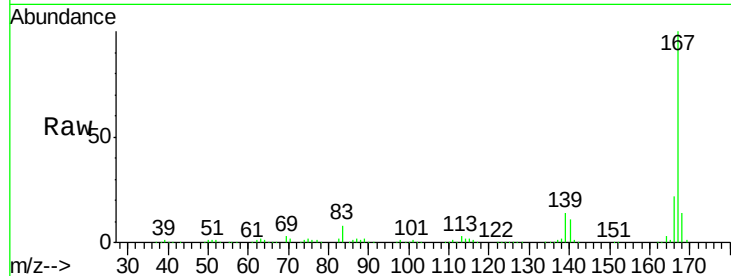
#72
 Carbazole
 Concen: 46.65 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	671367		
166	21.9	17.8	26.6	
139	13.6	11.2	16.8	

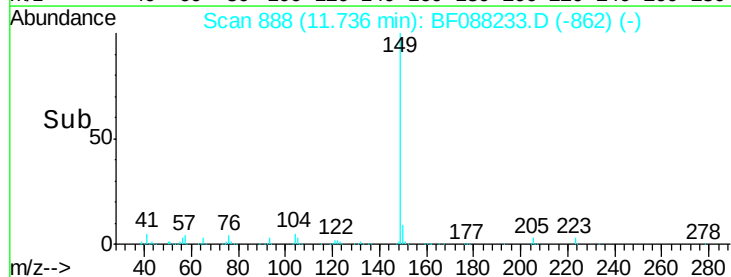
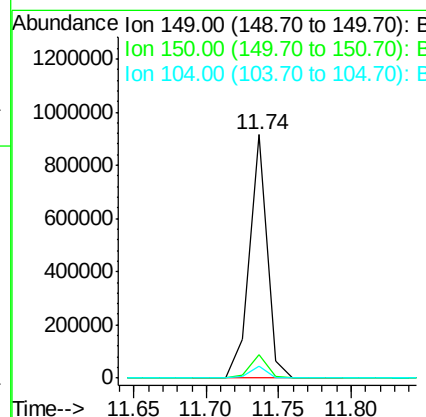
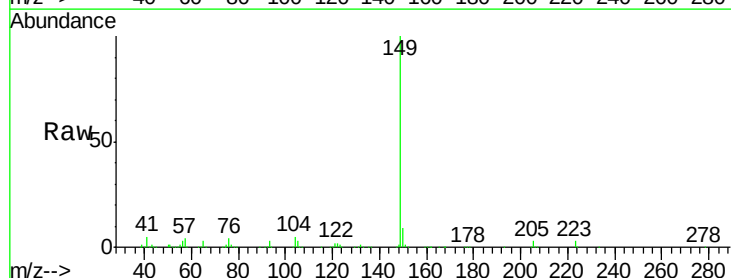
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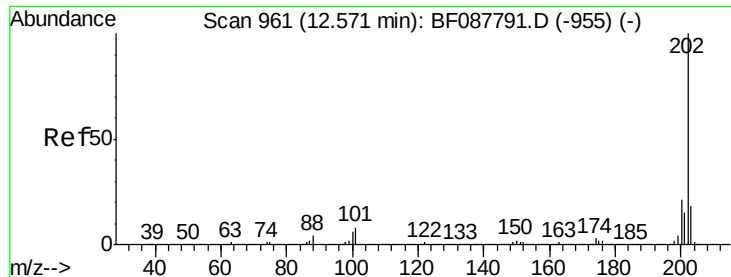
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#73
 Di-n-butylphthalate
 Concen: 42.43 ng
 RT: 11.74 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	773011		
150	9.5	7.8	11.6	
104	4.9	4.0	6.0	





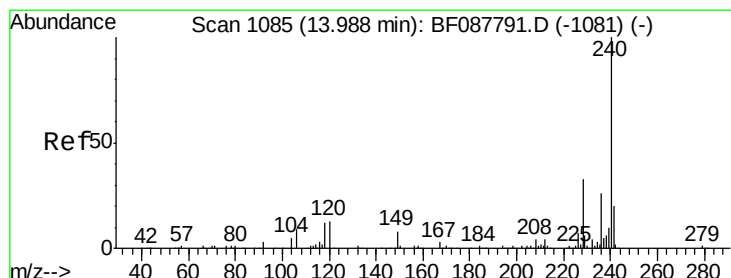
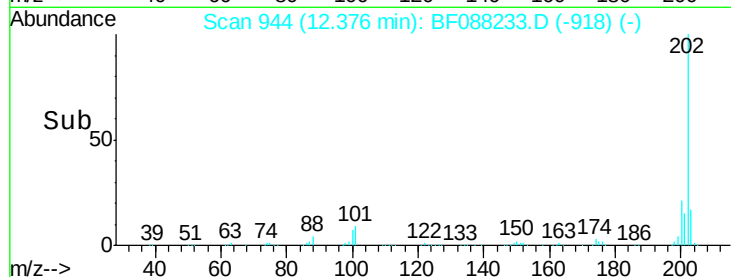
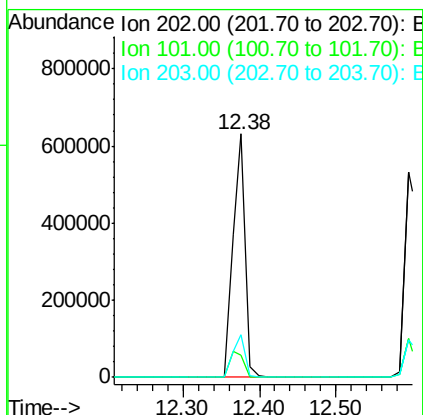
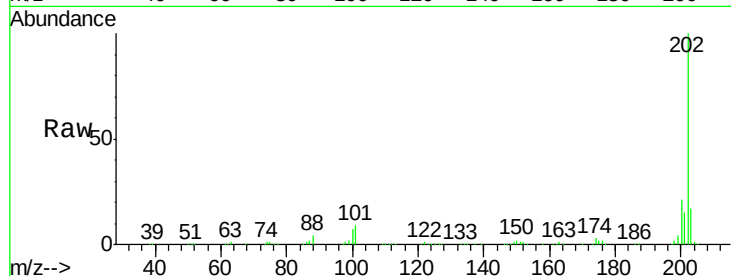
#74
Fluoranthene
Concen: 44.32 ng
RT: 12.38 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	33.1
203	17.4	0.0	38.1

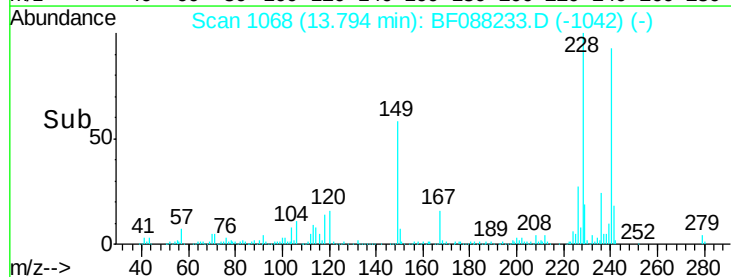
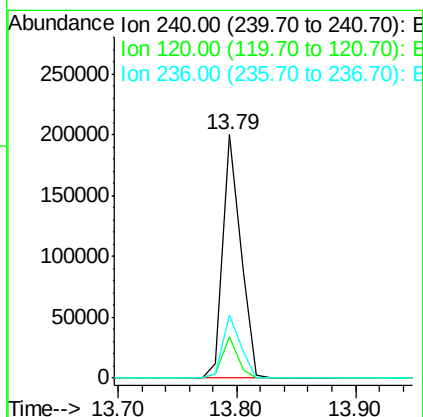
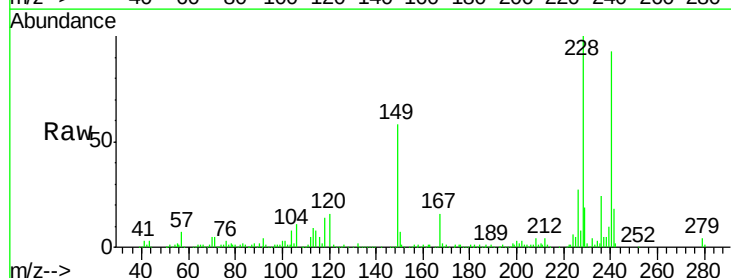
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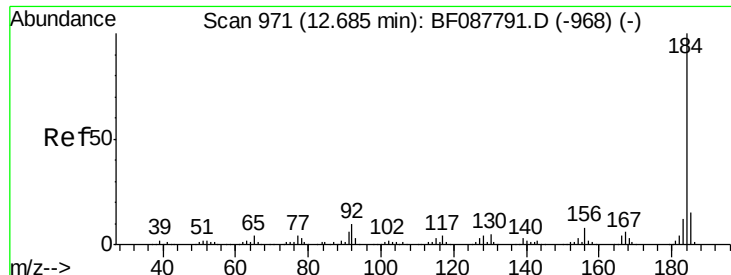
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.0	6.8	10.2#
236	26.0	20.2	30.2





#76

Benzidine

Concen: 36.14 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

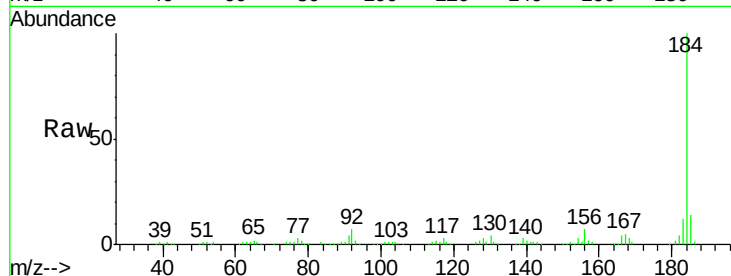
ClientSampled :

PB91471BS

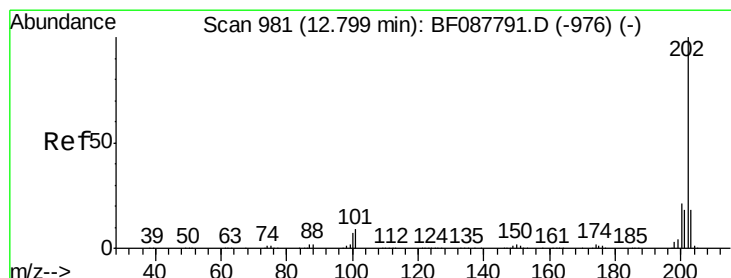
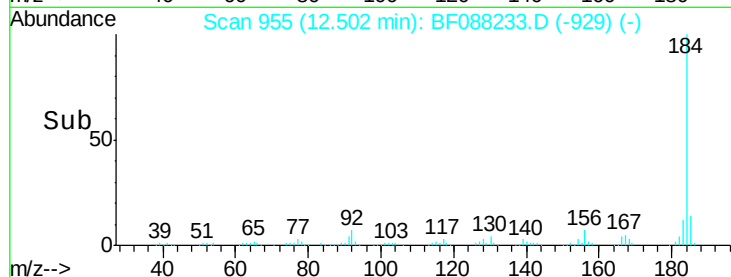
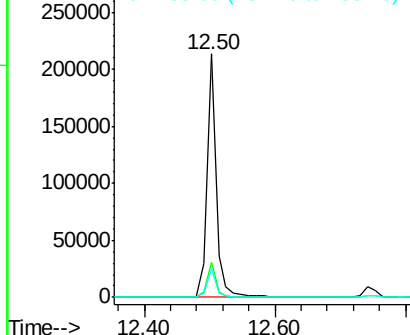
Tot Ion:	184	Resp:	208088
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.5	18.7
183	11.6	9.3	13.9

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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: 44.51 ng

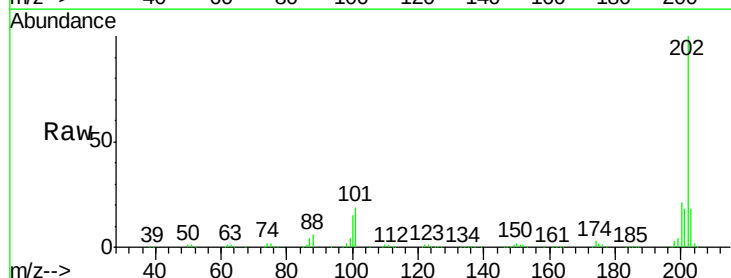
RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

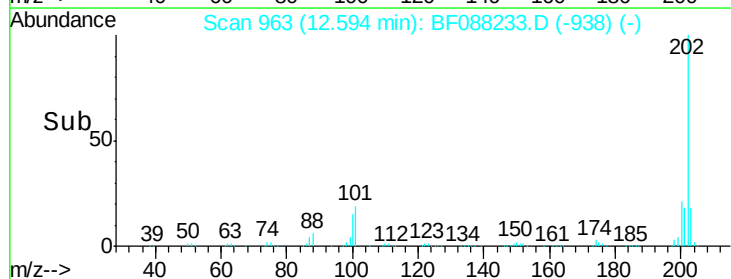
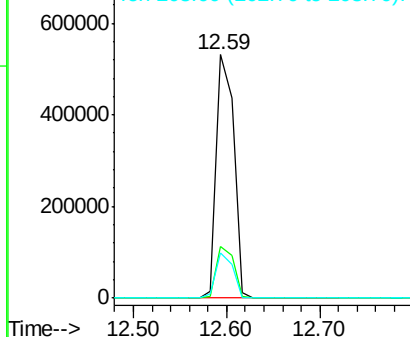
Lab File: BF088233.D

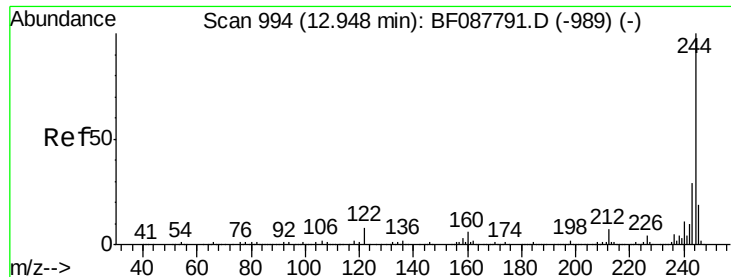
Acq: 22 Jun 2016 1:06

Tgt Ion:	202	Resp:	686862
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	18.4	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





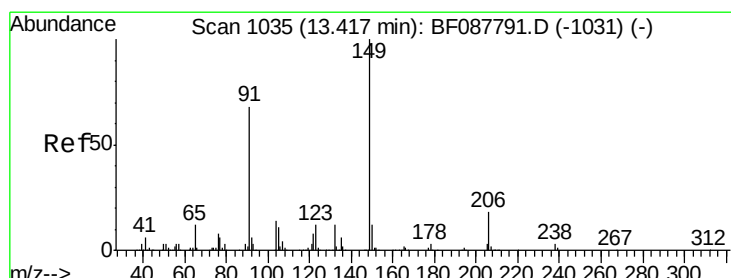
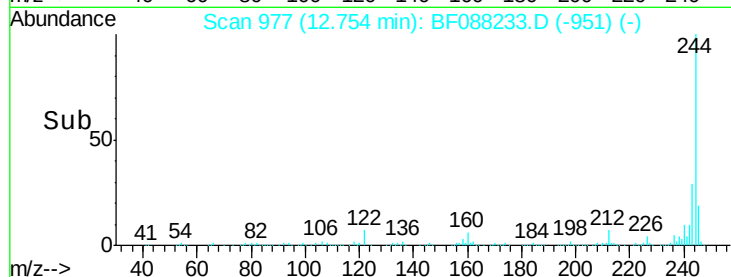
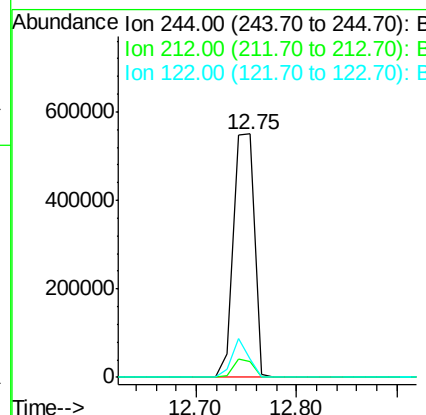
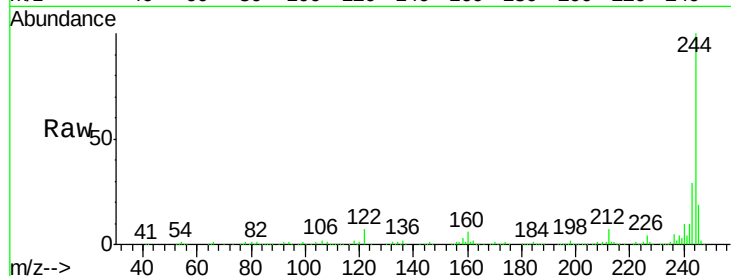
#78
 Terphenyl-d14
 Concen: 87.15 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	6.0	9.0
122	7.4	11.2	16.8

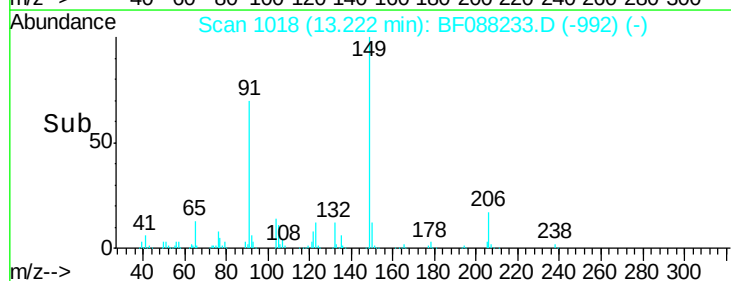
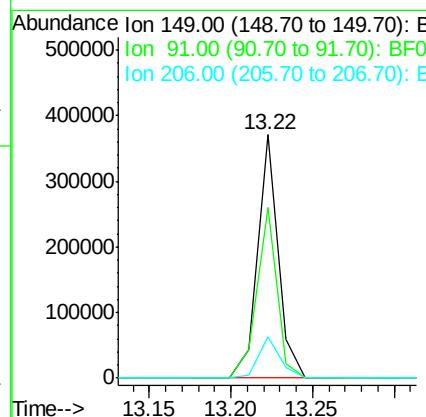
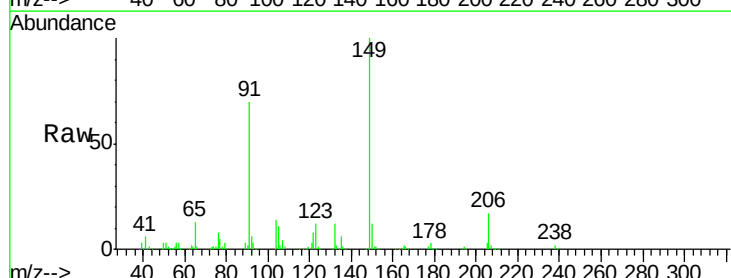
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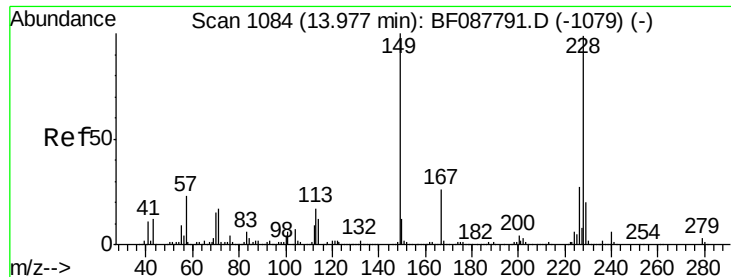
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#79
 Butylbenzylphthalate
 Concen: 47.67 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	69.9	48.0	72.0
206	17.1	16.0	24.0





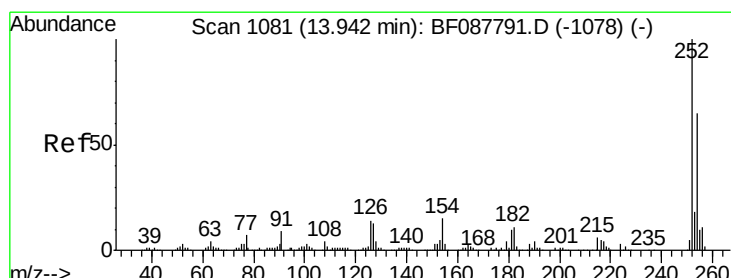
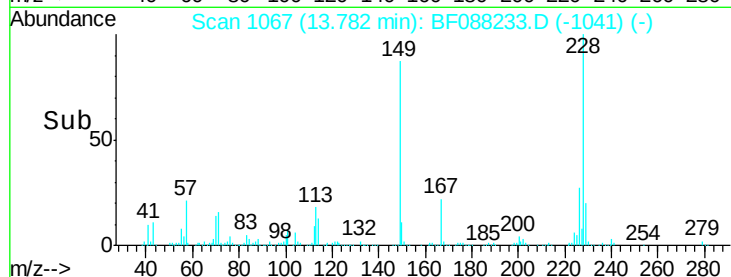
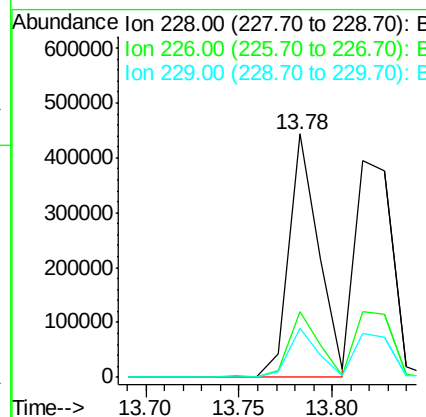
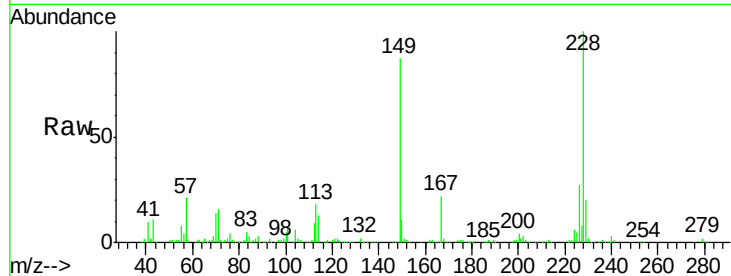
#80
Benzo(a)anthracene
Concen: 41.64 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	20.1	16.0	24.0

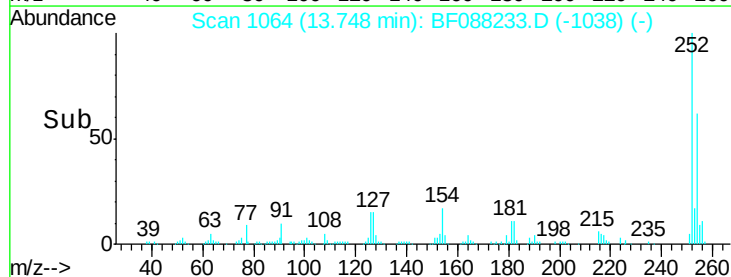
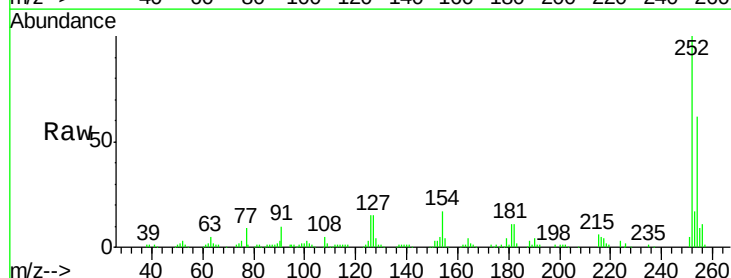
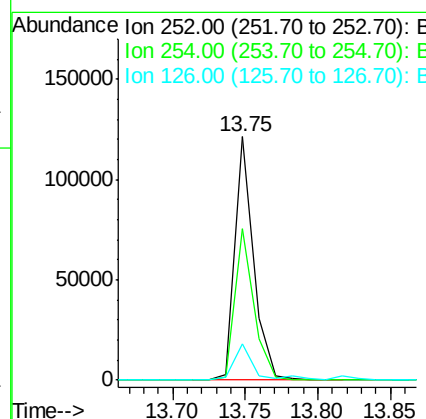
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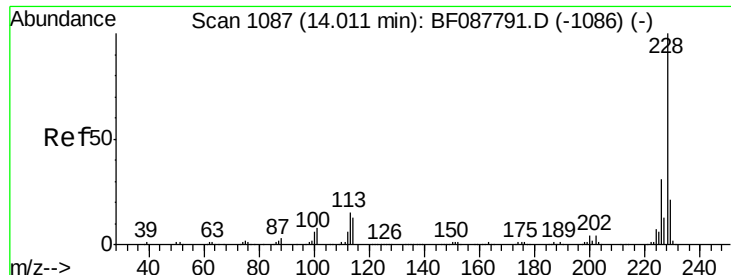
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#81
3,3'-Dichlorobenzidine
Concen: 34.02 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	52.6	78.8
126	14.9	6.2	9.2





#82

Chrysene

Concen: 49.42 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

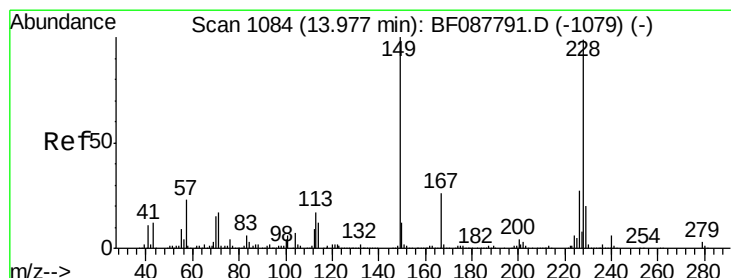
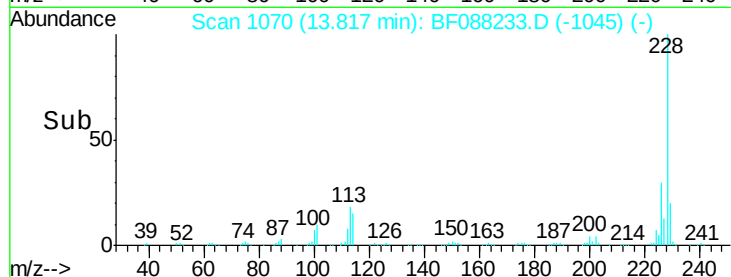
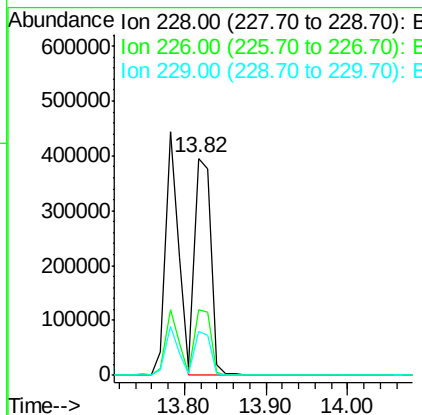
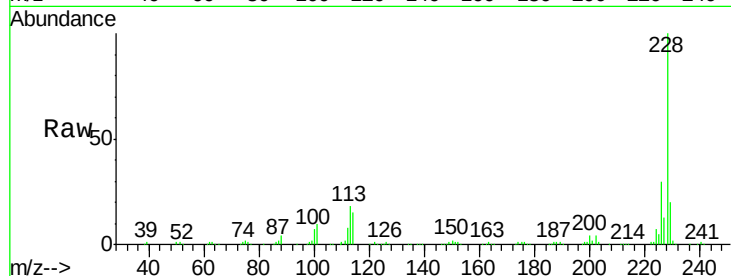
ClientSampled :

PB91471BS

Tot Ion:	228	Resp:	550918
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.2
229	20.1	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 46.18 ng

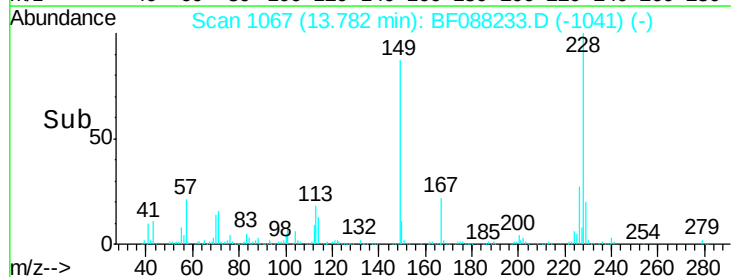
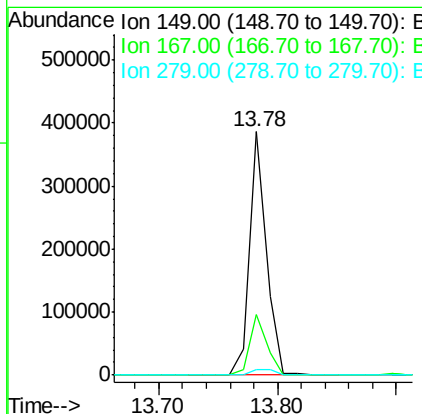
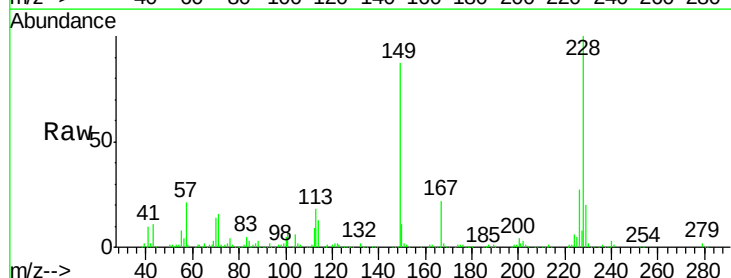
RT: 13.78 min Scan# 1067

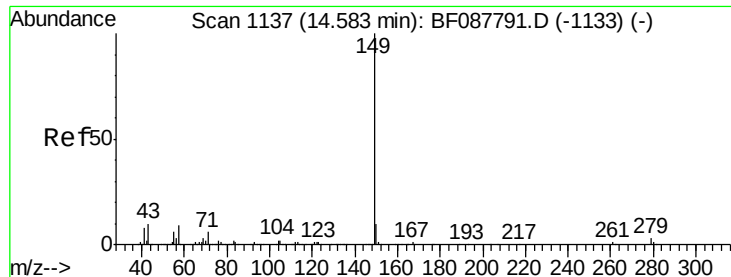
Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:	149	Resp:	383474
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.5	30.7
279	2.5	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 52.10 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

Tot Ion:149 Resp: 703107
Ion Ratio Lower Upper

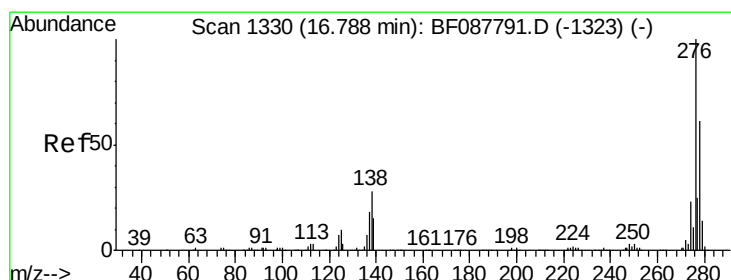
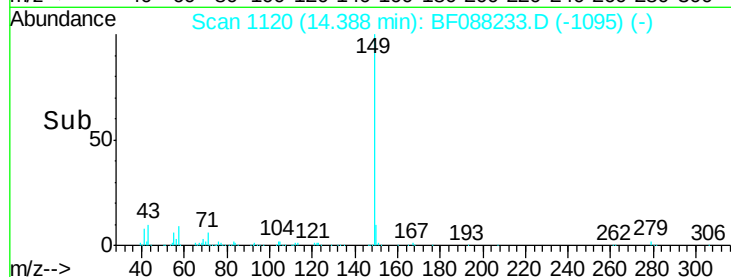
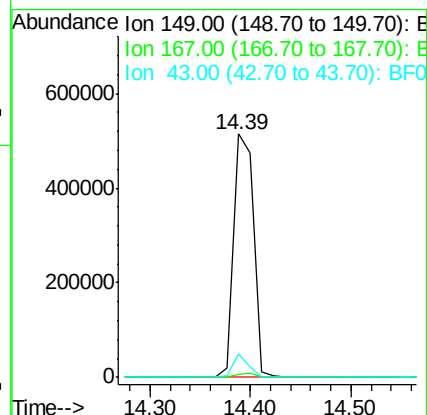
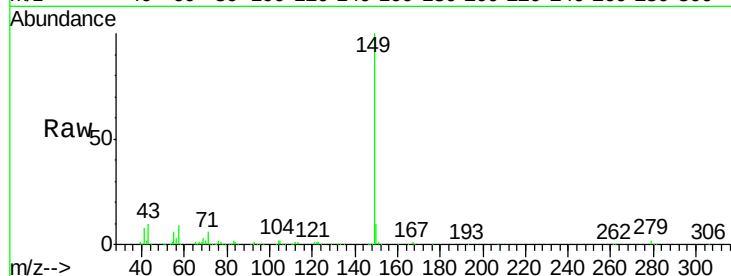
149 100

167 1.6 0.0 0.0#

43 7.8 0.0 0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 44.71 ng

RT: 16.46 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF088233.D

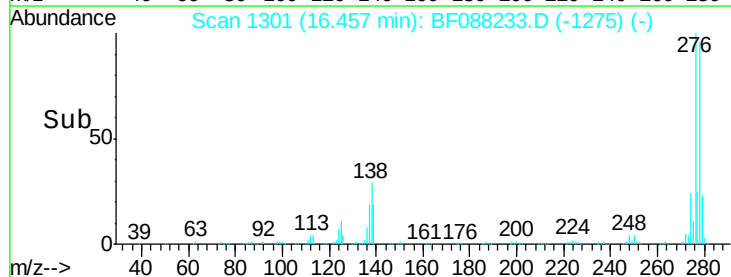
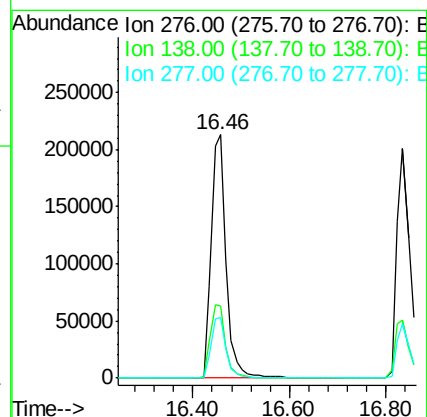
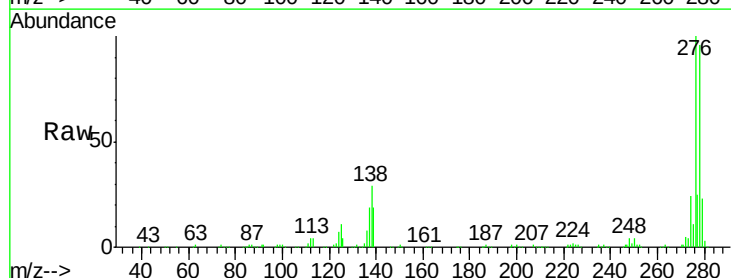
Acq: 22 Jun 2016 1:06

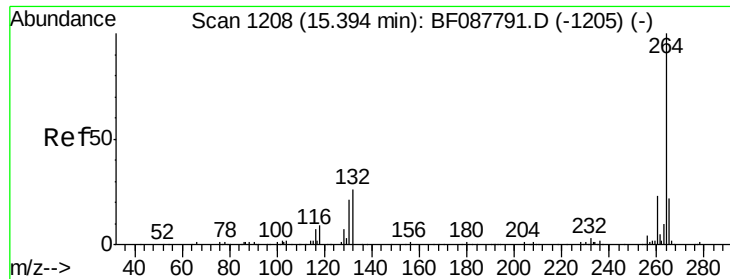
Tgt Ion:276 Resp: 463111
Ion Ratio Lower Upper

276 100

138 30.8 0.0 0.0#

277 24.8 0.0 0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

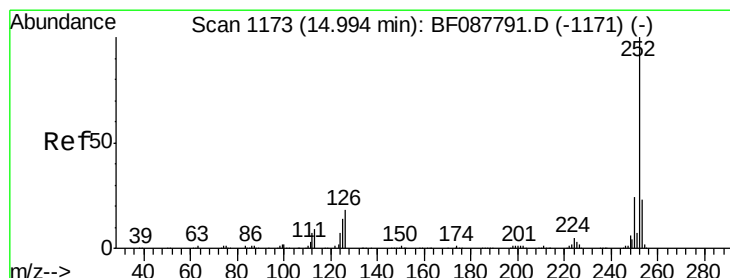
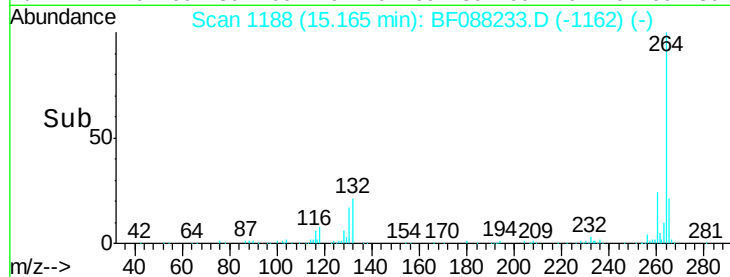
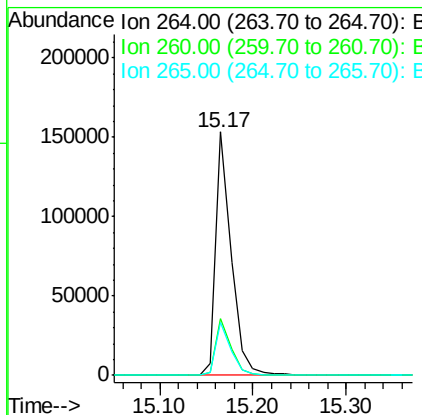
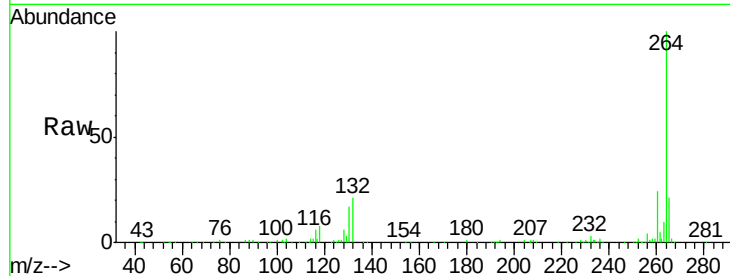
ClientSampleId :

PB91471BS

Tot Ion:	264	Resp:	177178
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.9	25.3

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#87

Benzo(b)fluoranthene

Concen: 36.40 ng m

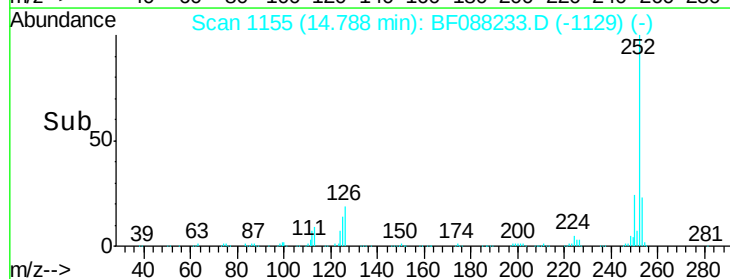
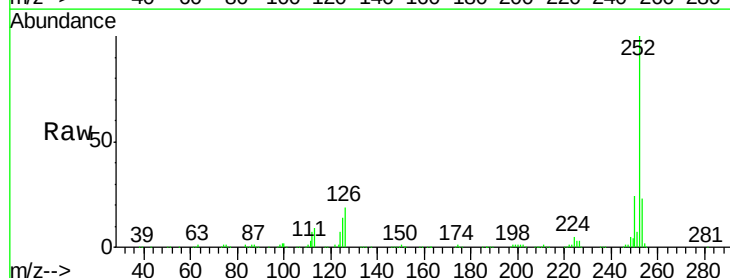
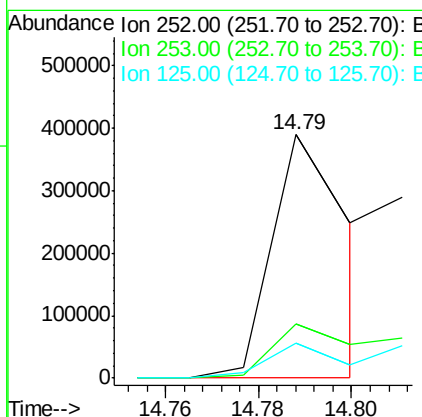
RT: 14.79 min Scan# 1155

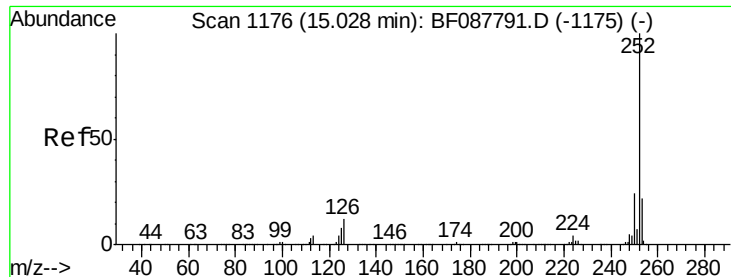
Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:	252	Resp:	449456
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.4	26.2
125	14.4	7.1	10.7#





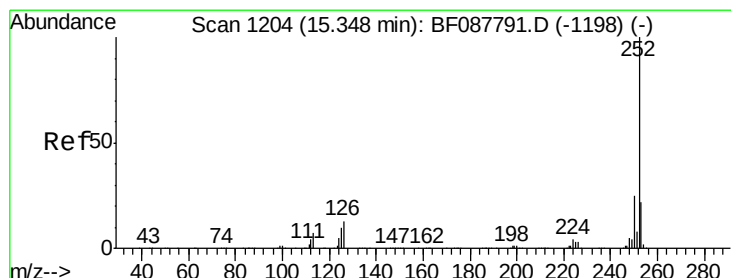
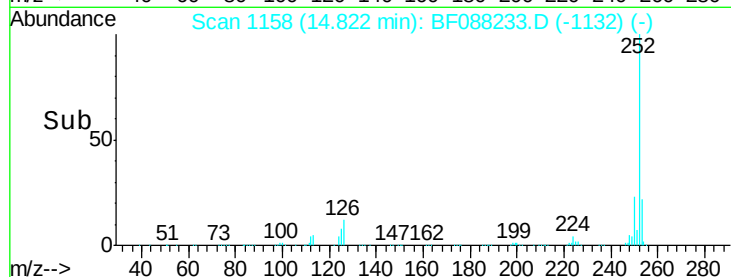
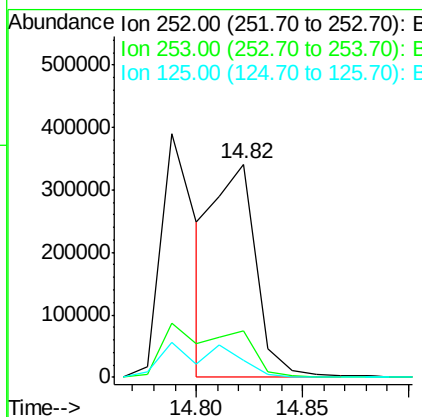
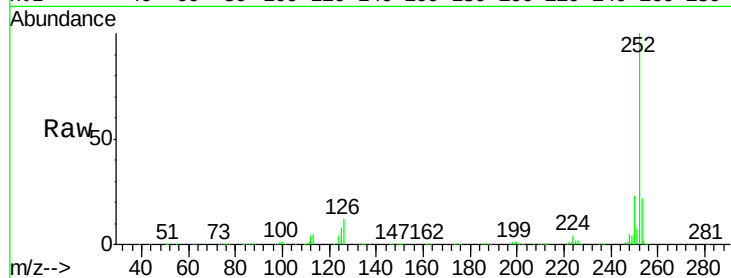
#88
Benzo(k)fluoranthene
Concen: 51.29 ng m
RT: 14.82 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.1	11.2	16.8

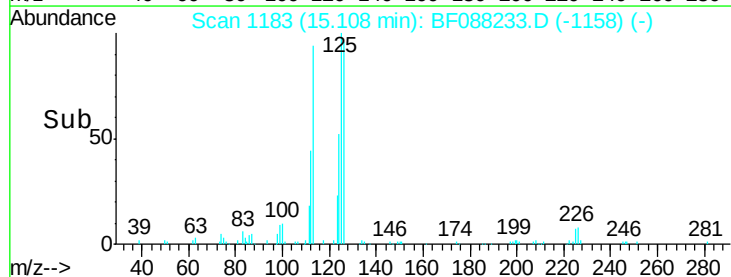
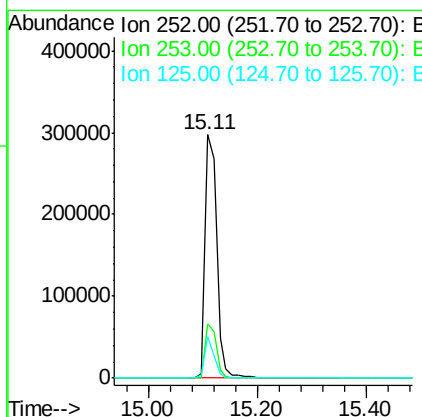
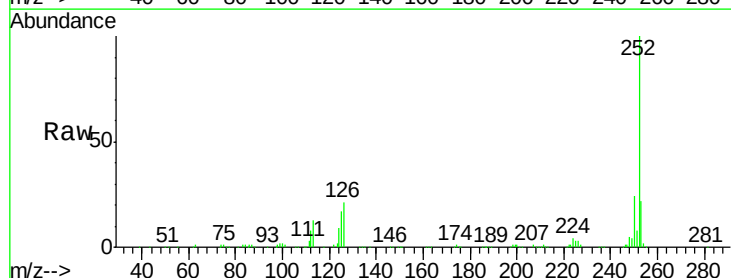
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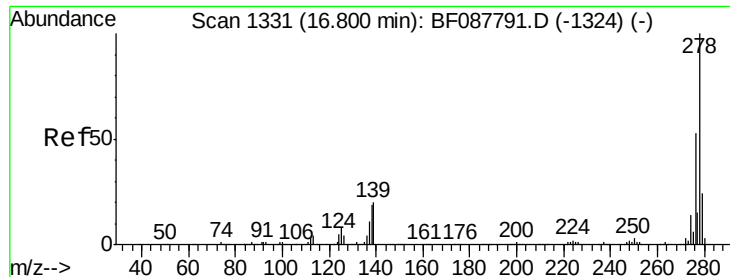
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#89
Benzo(a)pyrene
Concen: 44.57 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	17.0	12.5	18.7





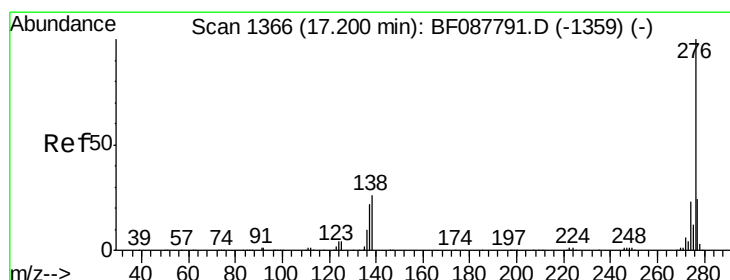
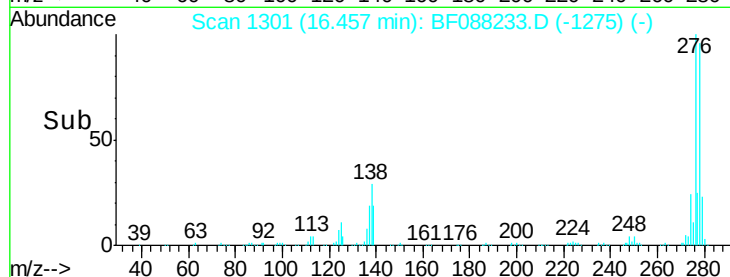
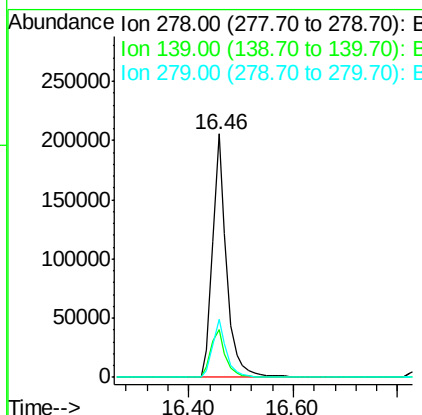
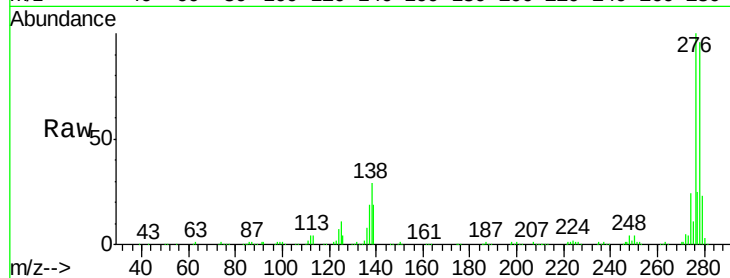
#90
Dibenzo(a,h)anthracene
Concen: 41.36 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampled :
PB91471BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	24.0	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 42.61 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	25.5	21.4	32.2

