

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088103.D
 Acq On : 17 Jun 2016 20:04
 Operator : UM/SJ
 Sample : PB91310BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Manual Integrations
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 6/20/2016 6:50:39 PM

Quant Time: Jun 18 00:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107601	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	463031	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	219153	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	377472	20.00	ng	0.00
75) Chrysene-d12	13.85	240	223200	20.00	ng	0.00
86) Perylene-d12	15.22	264	208094	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	426815	67.81	ng	0.01
7) Phenol-d6	6.34	99	564961	74.06	ng	-0.01
23) Nitrobenzene-d5	7.27	82	477367	60.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	128732	55.63	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	932858	65.61	ng	-0.01
78) Terphenyl-d14	12.80	244	784425	79.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	88259	28.86	ng	# 38
3) Pyridine	2.95	79	201963	27.97	ng	91
4) n-Nitrosodimethylamine	2.90	42	97048	31.73	ng	79
6) Aniline	6.36	93	193719	17.84	ng	# 27
8) 2-Chlorophenol	6.48	128	277202	37.21	ng	96
10) Phenol	6.36	94	298130	37.44	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	259410	38.78	ng	93
12) 1,3-Dichlorobenzene	6.64	146	279642m	34.98	ng	
13) 1,4-Dichlorobenzene	6.72	146	286819	35.62	ng	95
14) 1,2-Dichlorobenzene	6.87	146	270557m	36.95	ng	
15) Benzyl Alcohol	6.86	79	192368	32.23	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	310341	34.34	ng	73
17) 2-Methylphenol	6.97	107	225418	37.31	ng	99
18) Hexachloroethane	7.21	117	107072	37.47	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	176736	36.22	ng	90
20) 3+4-Methylphenols	7.13	107	278944	39.57	ng	# 77
22) Acetophenone	7.12	105	362245	35.01	ng	97
24) Nitrobenzene	7.29	77	292179	38.04	ng	100
25) Isophorone	7.53	82	515246	35.08	ng	98
26) 2-Nitrophenol	7.61	139	152532	37.07	ng	# 70
27) 2,4-Dimethylphenol	7.66	122	278720	36.79	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	353441	38.80	ng	98
29) 2,4-Dichlorophenol	7.85	162	238414	37.69	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	239811	34.82	ng	98
31) Naphthalene	8.01	128	823025	35.92	ng	98
32) Benzoic acid	7.80	122	147825	35.44	ng	95
33) 4-Chloroaniline	8.07	127	42634	4.17	ng	96
34) Hexachlorobutadiene	8.12	225	123021	33.87	ng	98
35) Caprolactam	8.44	113	79023m	37.72	ng	
36) 4-Chloro-3-methylphenol	8.56	107	230069	34.01	ng	99
37) 2-Methylnaphthalene	8.70	142	511355m	33.86	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	225837	37.43	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	165905	46.93	ng	98
42) 2,4,6-Trichlorophenol	8.98	196	143704	32.79	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	148861	32.65	nq	# 84
45) 1,1'-Biphenyl	9.16	154	646649	38.40	nq	98
46) 2-Chloronaphthalene	9.19	162	513916	36.24	nq	97
47) 2-Nitroaniline	9.29	65	152529	36.46	nq	# 76
48) Acenaphthylene	9.60	152	764336	33.88	nq	99
49) Dimethylphthalate	9.47	163	589790	37.15	nq	100
50) 2,6-Dinitrotoluene	9.53	165	121698	33.47	nq	# 64
51) Acenaphthene	9.77	154	458389	32.57	nq	99
52) 3-Nitroaniline	9.70	138	63441	15.12	nq	# 75
53) 2,4-Dinitrophenol	9.82	184	108289	58.61	nq	# 74
54) Dibenzofuran	9.94	168	598366	30.88	nq	# 89
55) 4-Nitrophenol	9.87	139	149897	46.04	nq	95
56) 2,4-Dinitrotoluene	9.94	165	163446	34.98	nq	# 82
57) Fluorene	10.28	166	515775	38.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	127747	35.65	nq	# 58
59) Diethylphthalate	10.17	149	586765	36.51	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	201047	31.20	nq	92
61) 4-Nitroaniline	10.32	138	141985	35.68	nq	92
62) Azobenzene	10.43	77	530231	33.37	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	81969	35.38	nq	94
65) n-Nitrosodiphenylamine	10.40	169	461180	36.82	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	148487	36.67	nq	# 91
67) Hexachlorobenzene	10.83	284	153635	36.51	nq	# 71
68) Atrazine	10.94	200	136598	36.01	nq	100
69) Pentachlorophenol	11.03	266	134505	60.64	nq	97
70) Phenanthrene	11.24	178	724733	36.59	nq	99
71) Anthracene	11.29	178	695120	34.79	nq	100
72) Carbazole	11.45	167	707151	37.82	nq	99
73) Di-n-butylphthalate	11.78	149	796692	33.66	nq	99
74) Fluoranthene	12.42	202	712901	34.10	nq	98
76) Benzidine	12.55	184	293009	47.41	nq	99
77) Pyrene	12.65	202	730918	44.13	nq	99
79) Butylbenzylphthalate	13.27	149	346511	47.32	nq	# 79
80) Benzo(a)anthracene	13.83	228	499689	39.29	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	84254	24.63	nq	# 95
82) Chrysene	13.87	228	558339	46.66	nq	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	415368	46.60	nq	# 97
84) Di-n-octyl phthalate	14.45	149	746953	51.57	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.54	276	465461	41.87	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	497690m	34.31	nq	
88) Benzo(k)fluoranthene	14.87	252	418067m	38.21	nq	
89) Benzo(a)pyrene	15.18	252	444113	37.85	nq	# 93
90) Dibenzo(a,h)anthracene	16.54	278	384387	35.27	nq	96
91) Benzo(g,h,i)perylene	16.93	276	410232	36.59	nq	99

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

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Misc      :
ALS Vial  : 13      Sample Multiplier: 1

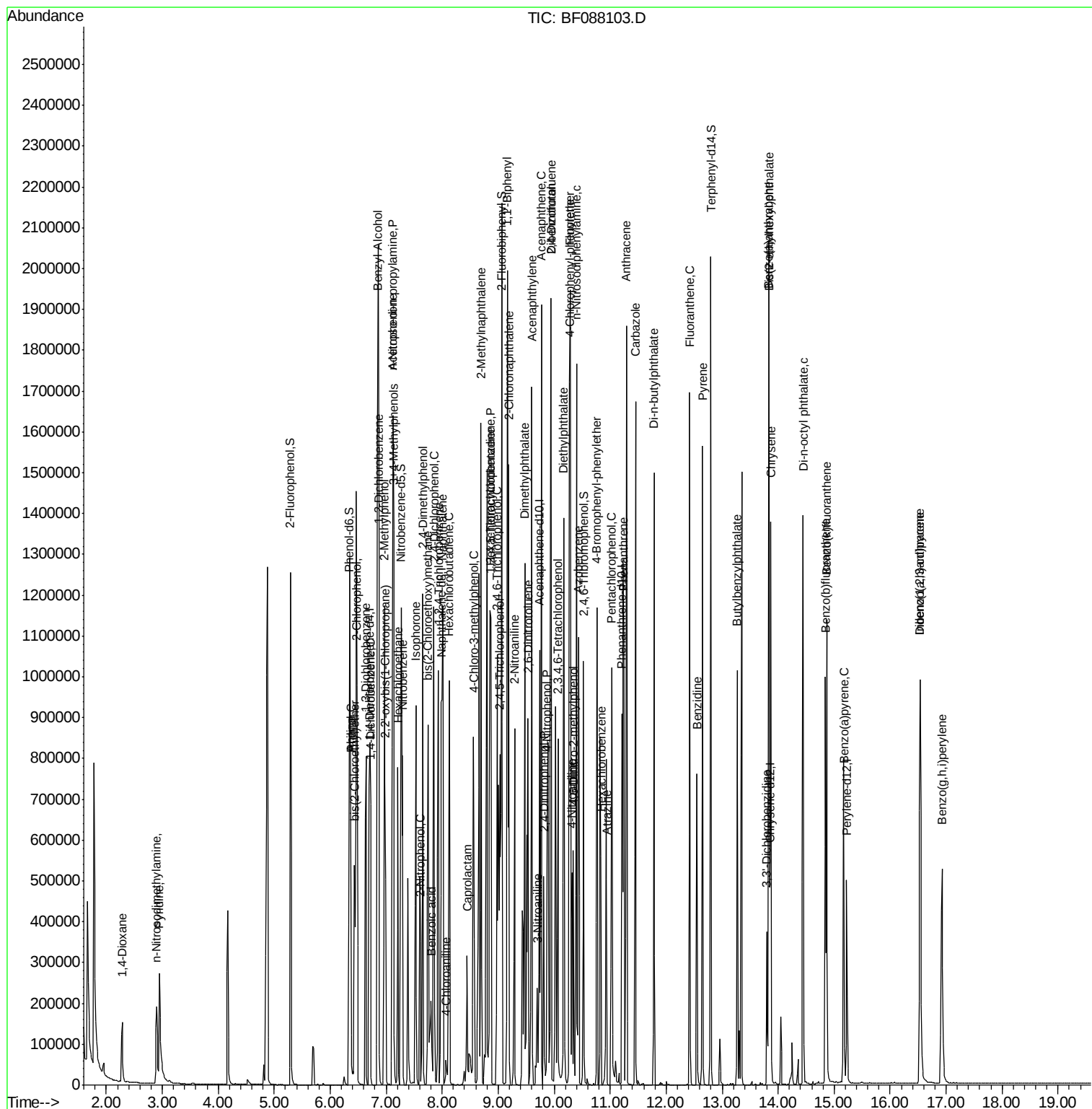
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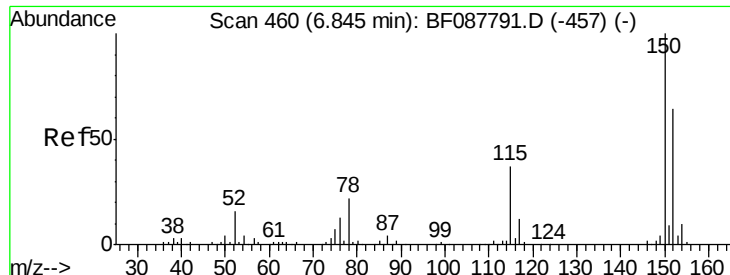
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#1

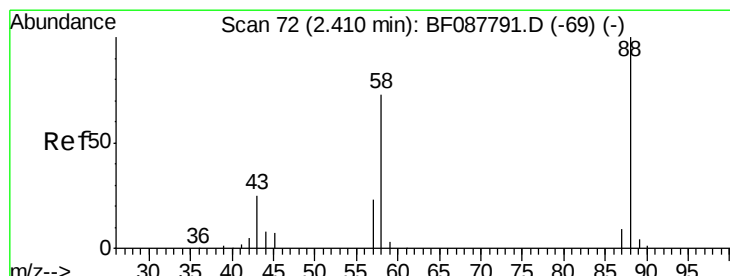
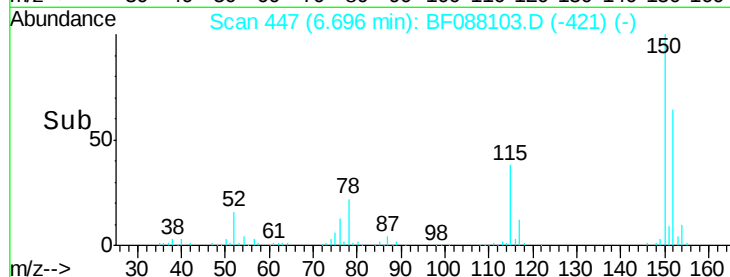
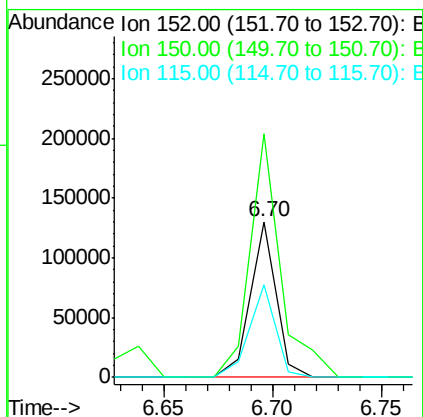
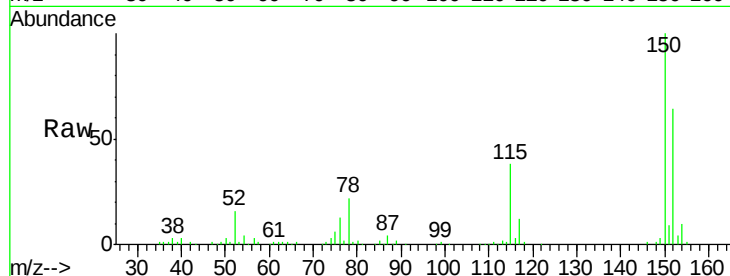
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	59.9	39.6	59.4

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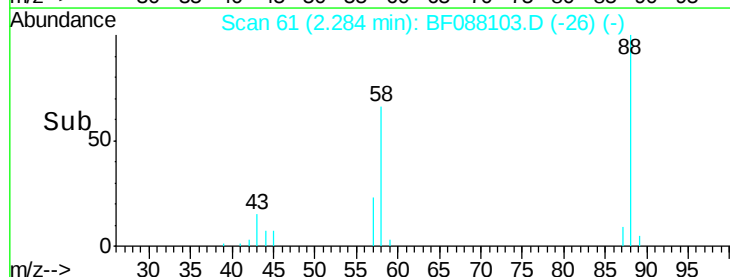
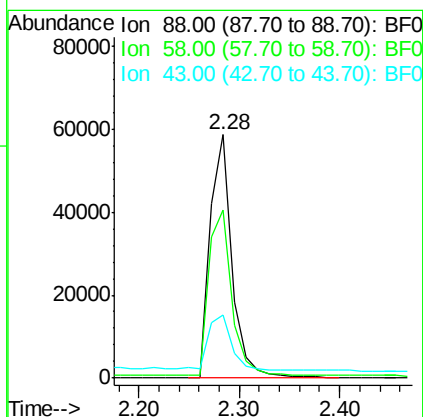
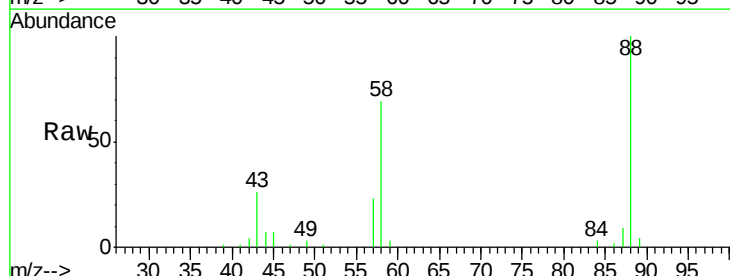
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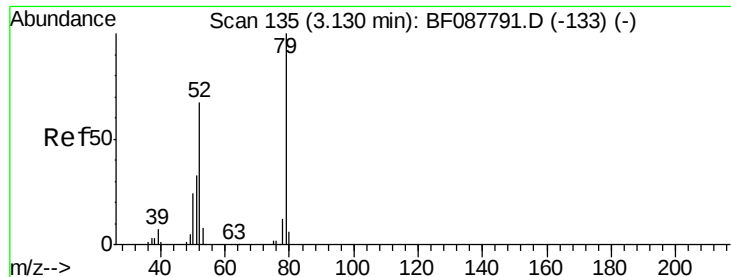


#2

1,4-Dioxane
Concen: 28.86 ng
RT: 2.28 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	0.0	0.0
43	24.8	3.4	5.2





#3

Pvridine

Concen: 27.97 ng

RT: 2.95 min Scan# 119

Delta R.T. 0.10 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

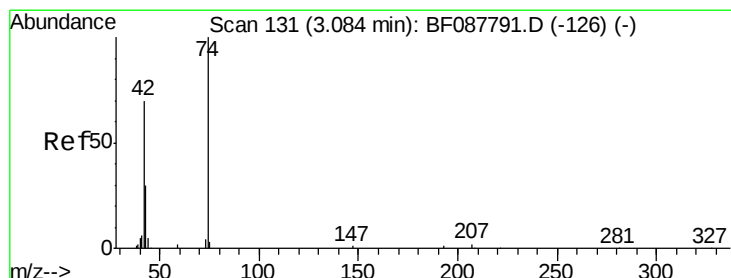
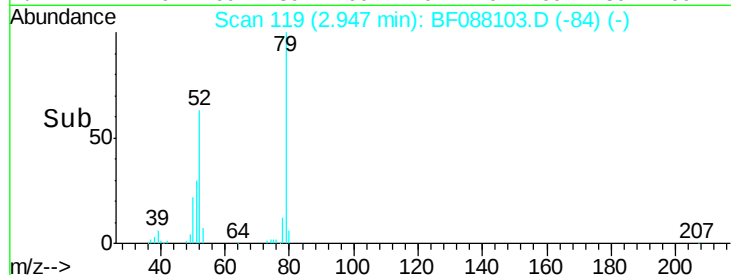
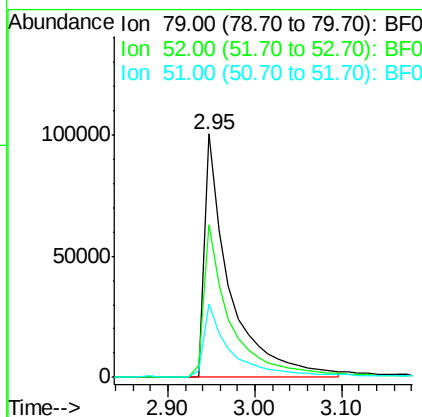
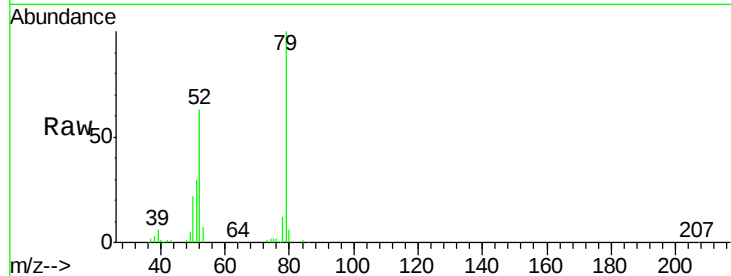
ClientSampleId :

PB91310BSD

Tot Ion:	79	Resp:	201963
Ion	Ratio	Lower	Upper
79	100		
52	62.6	56.3	84.5
51	30.3	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 31.73 ng

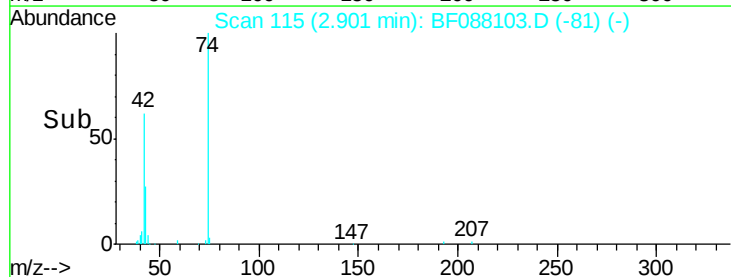
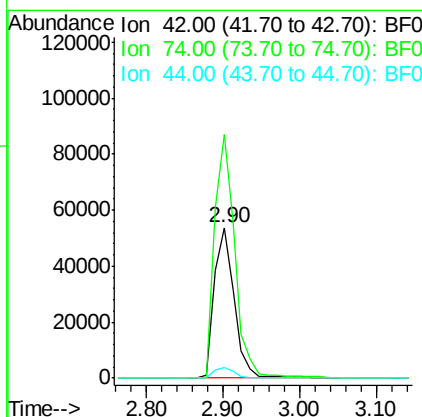
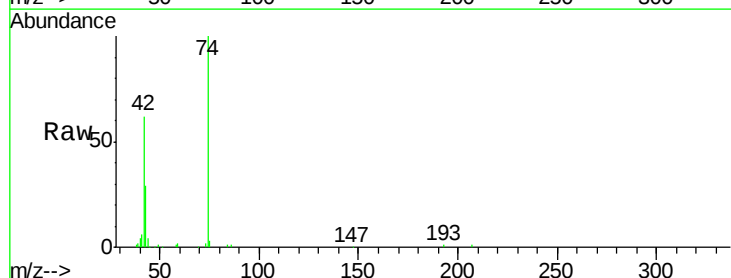
RT: 2.90 min Scan# 115

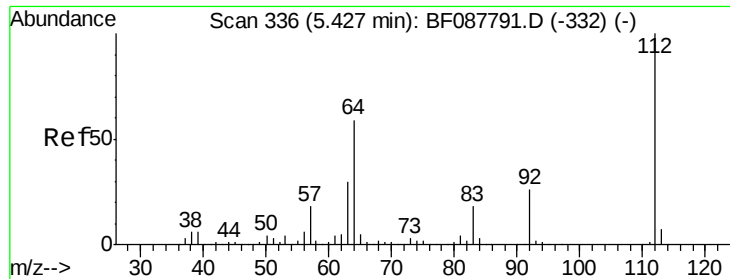
Delta R.T. 0.09 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	42	Resp:	97048
Ion	Ratio	Lower	Upper
42	100		
74	161.6	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 67.81 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

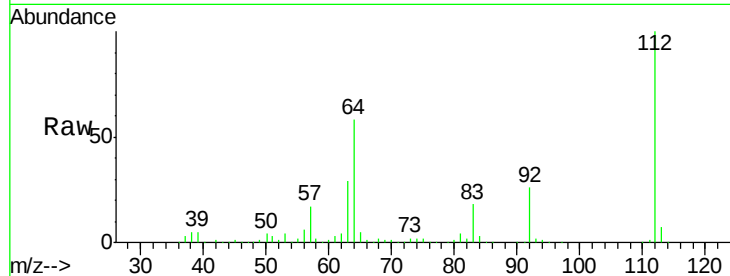
ClientSampleID :

PB91310BSD

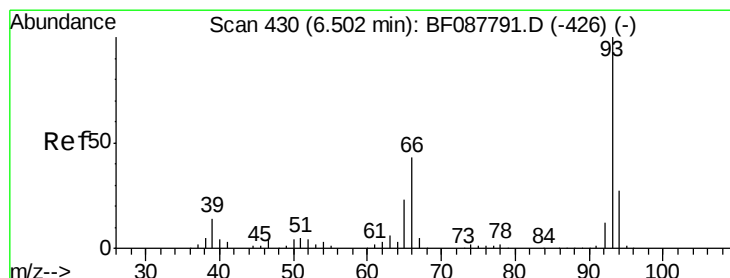
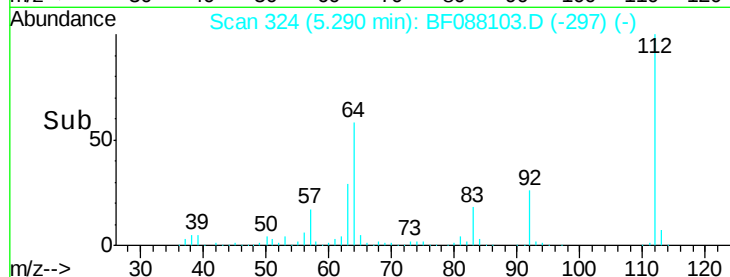
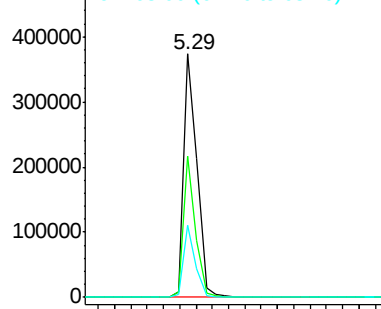
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		426815		
64	57.8		42.2	63.2	
63	29.4		21.8	32.8	

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Abundance Ion 112.00 (111.70 to 112.70): BF087791.D (-332) (-)



#6

Aniline

Concen: 17.84 ng

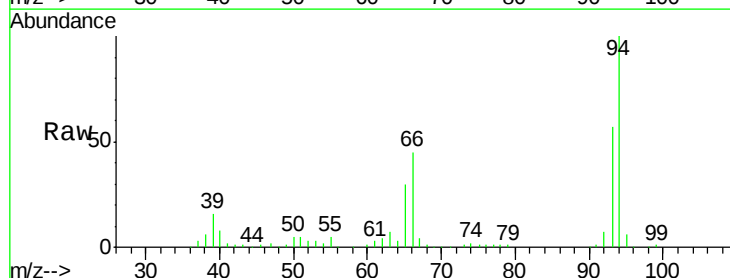
RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

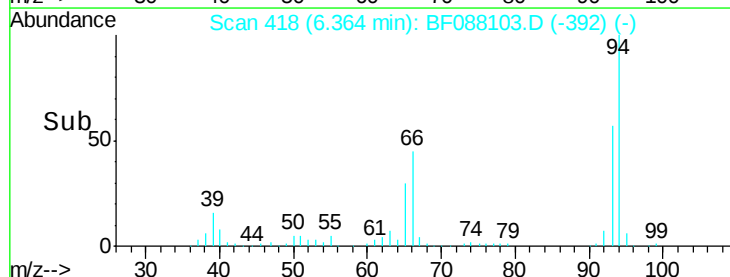
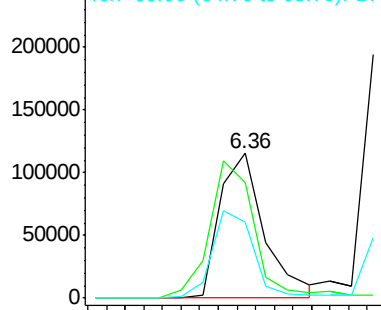
Lab File: BF088103.D

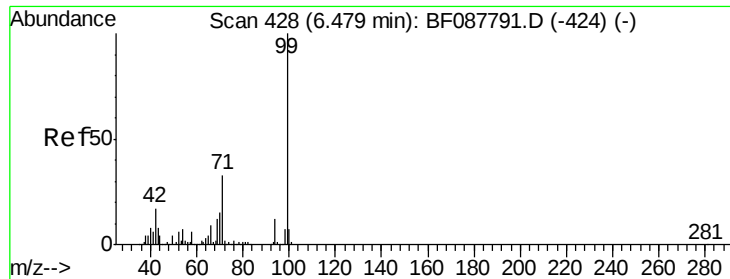
Acq: 17 Jun 2016 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		193719		
66	80.0		29.8	44.8#	
65	52.3		14.9	22.3#	



Abundance Ion 93.00 (92.70 to 93.70): BF087791.D (-426) (-)





#7

Phenol-d6

Concen: 74.06 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

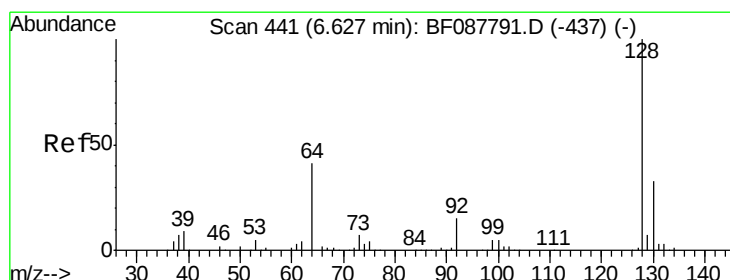
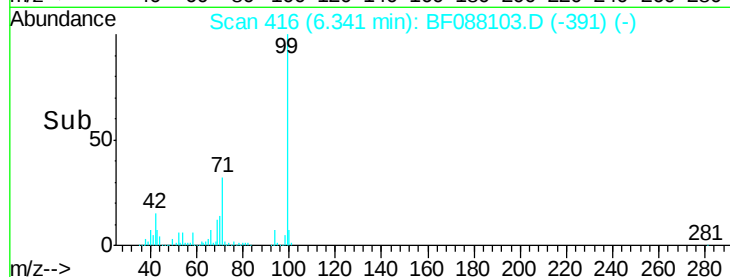
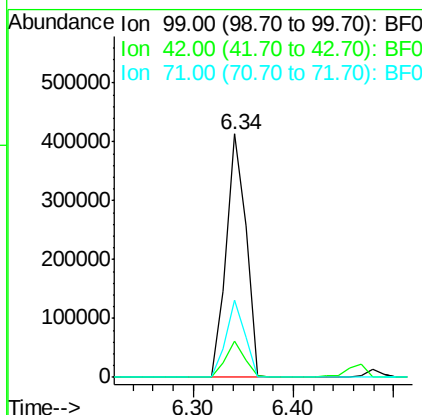
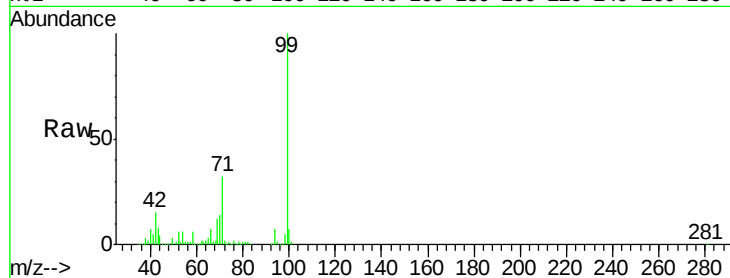
ClientSampleId :

PB91310BSD

Tot Ion:	99	Resp:	564961
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.2	18.2
71	31.8	23.4	35.0

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#8

2-Chlorophenol

Concen: 37.21 ng

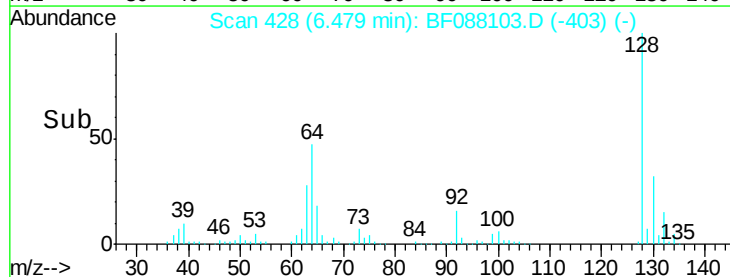
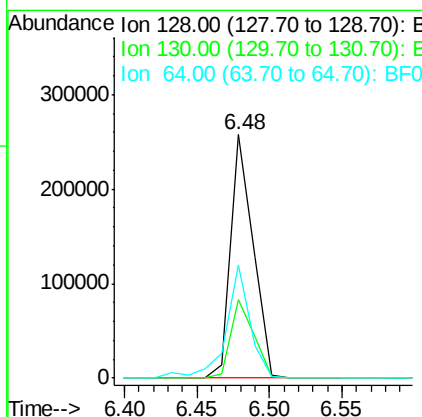
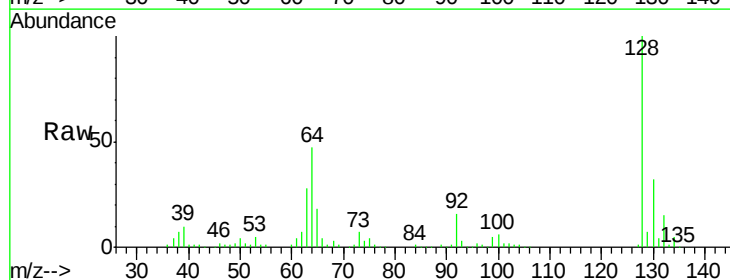
RT: 6.48 min Scan# 428

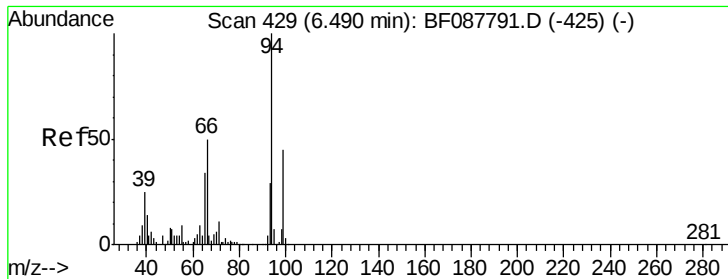
Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	128	Resp:	277202
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.0	52.0
64	46.6	30.8	70.8





#10

Phenol

Concen: 37.44 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

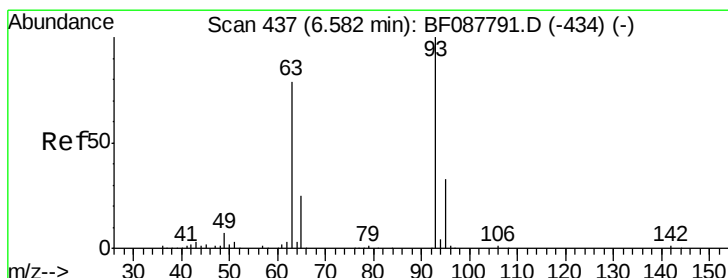
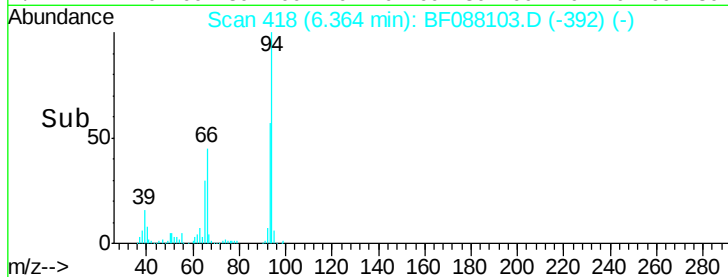
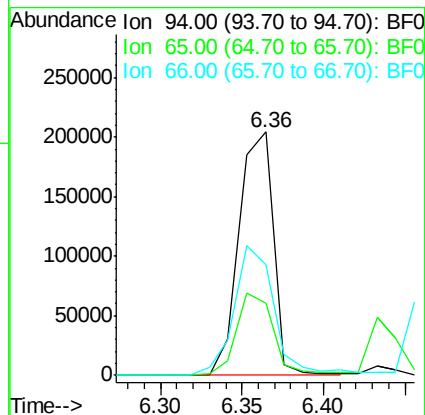
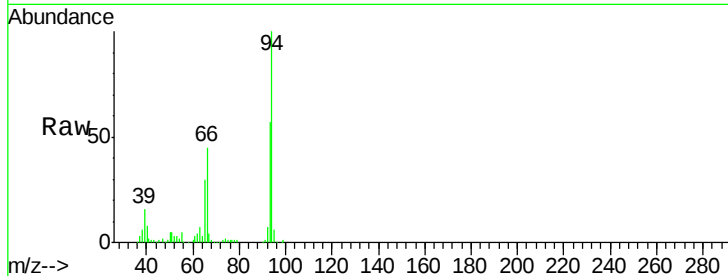
ClientSampled :

PB91310BSD

Tot Ion:	94	Resp:	298130
Ion Ratio	Lower	Upper	
94	100		
65	29.6	5.9	45.9
66	45.3	14.0	54.0

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#11

bis(2-Chloroethyl)ether

Concen: 38.78 ng

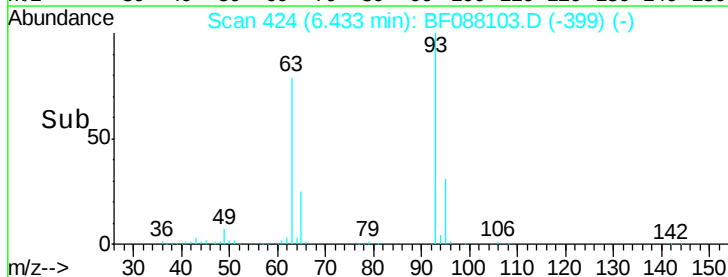
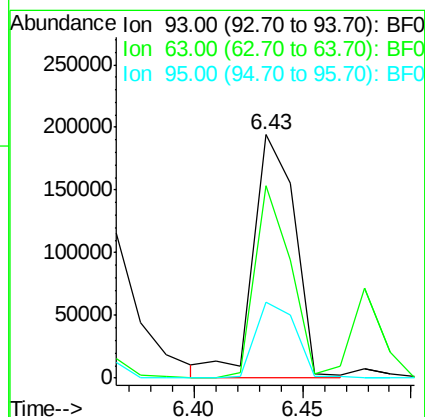
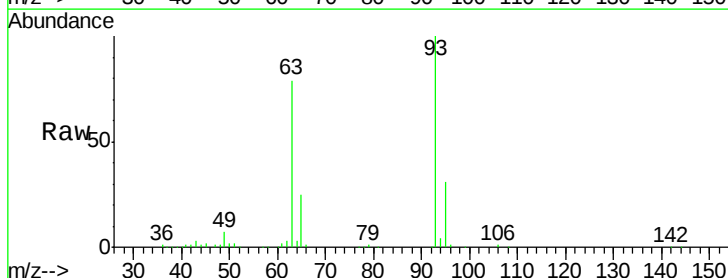
RT: 6.43 min Scan# 424

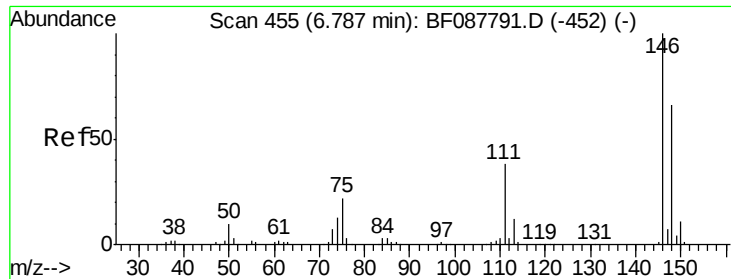
Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	93	Resp:	259410
Ion Ratio	Lower	Upper	
93	100		
63	79.0	67.6	107.6
95	31.2	12.5	52.5





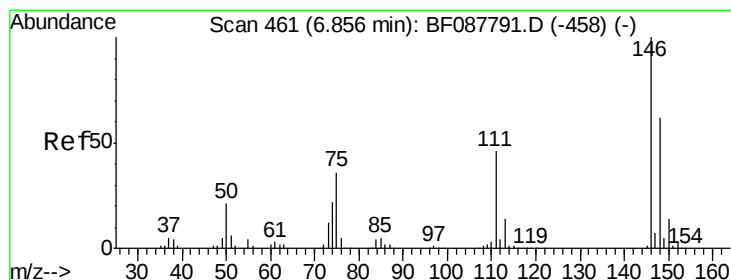
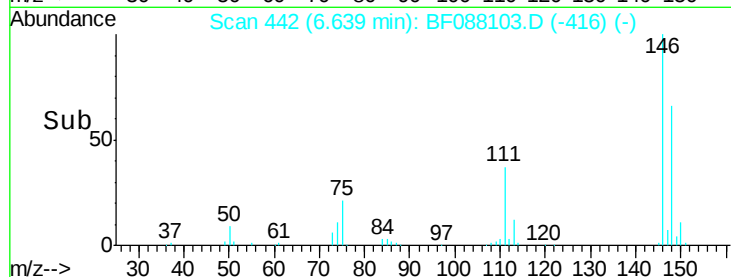
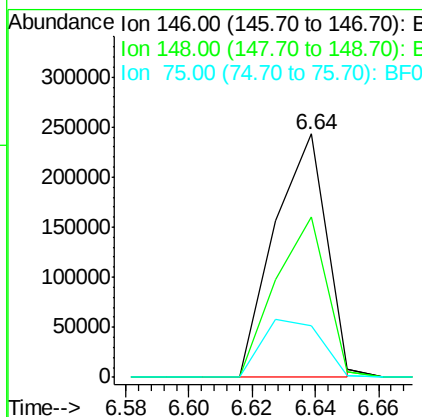
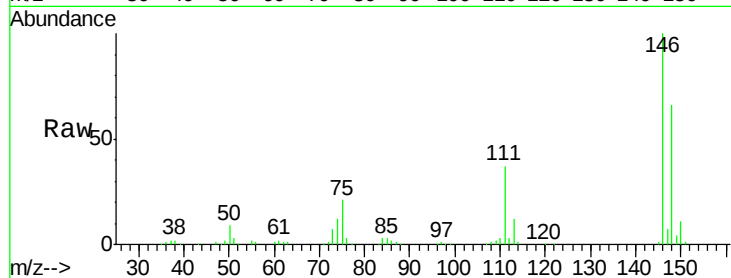
#12
 1,3-Dichlorobenzene
 Concen: 34.98 ng/ml
 RT: 6.64 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.9	76.3
75	21.1	25.6	38.4

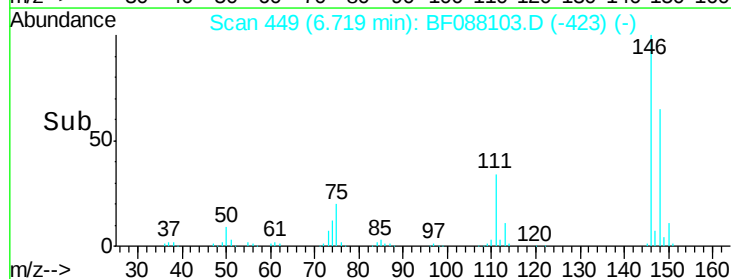
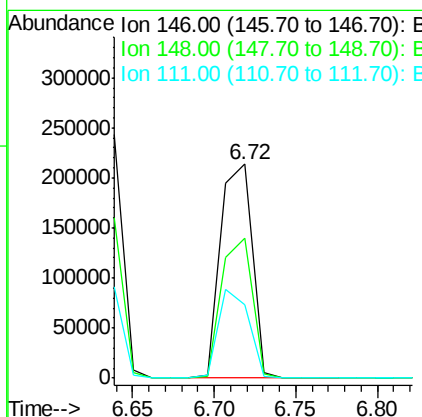
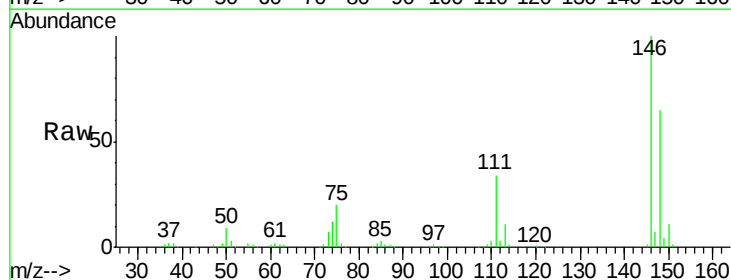
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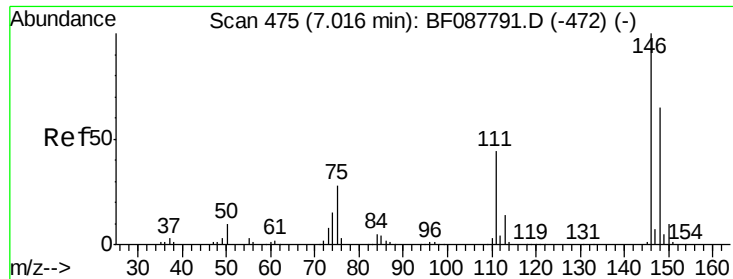
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#13
 1,4-Dichlorobenzene
 Concen: 35.62 ng/ml
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.0	78.0
111	34.3	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 36.95 ng/mL

RT: 6.87 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

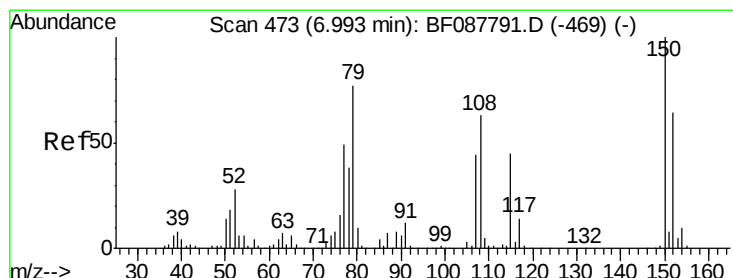
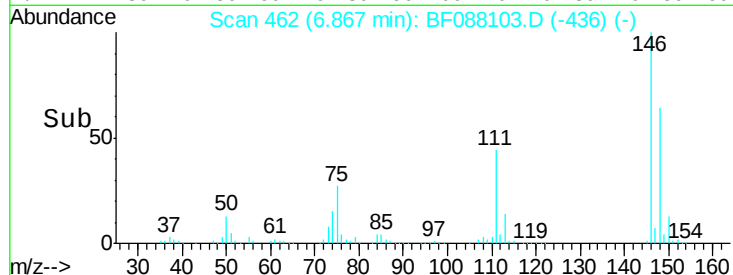
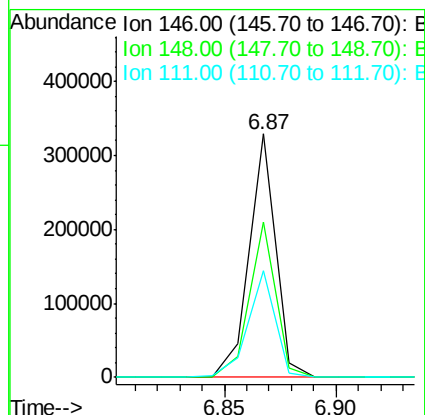
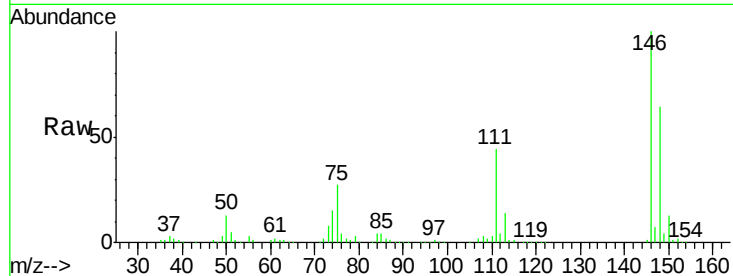
ClientSampleId :

PB91310BSD

Tot Ion:	146	Resp:	270557
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.3	78.5
111	43.7	28.7	43.1#

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#15

Benzyl Alcohol

Concen: 32.23 ng/mL

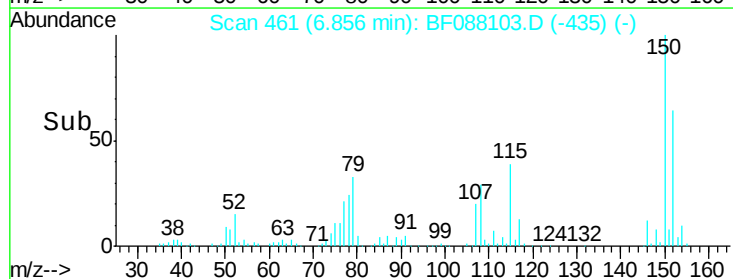
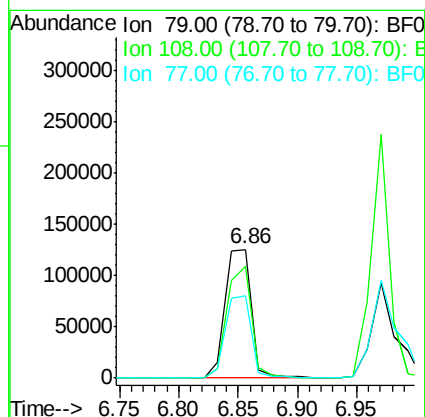
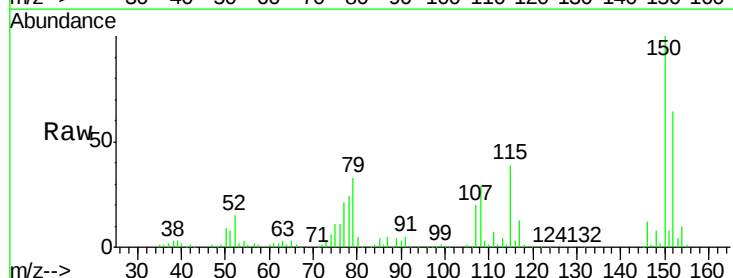
RT: 6.86 min Scan# 461

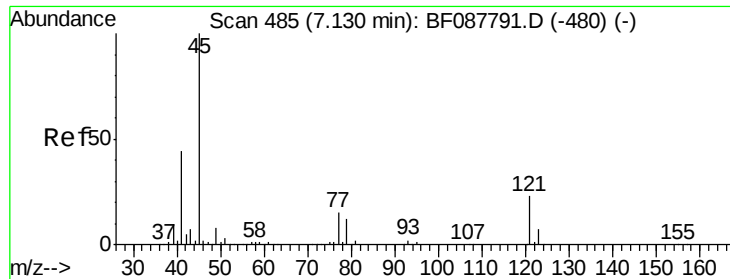
Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	79	Resp:	192368
Ion Ratio	Lower	Upper	
79	100		
108	87.2	65.0	97.6
77	63.6	50.3	75.5





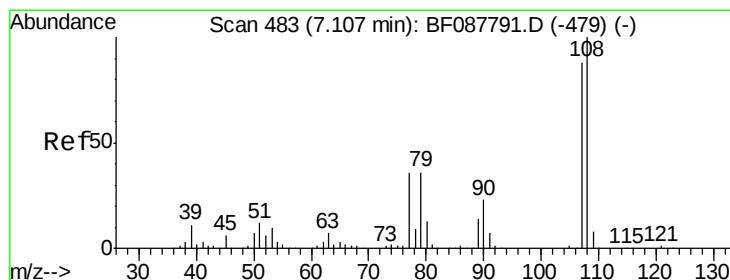
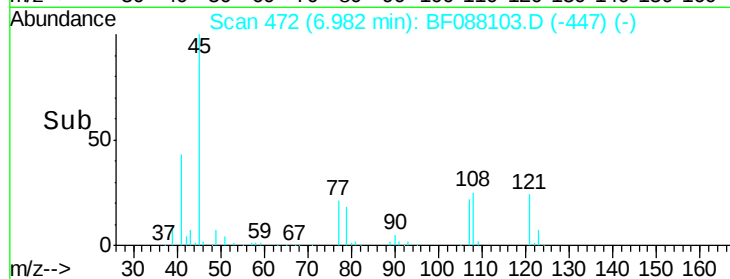
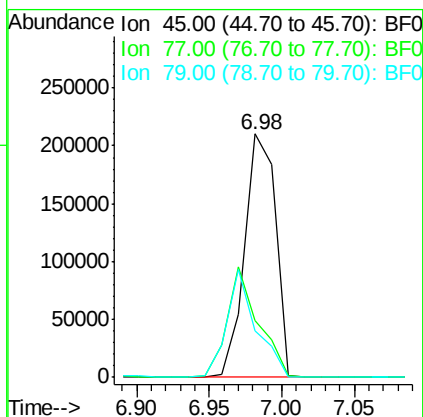
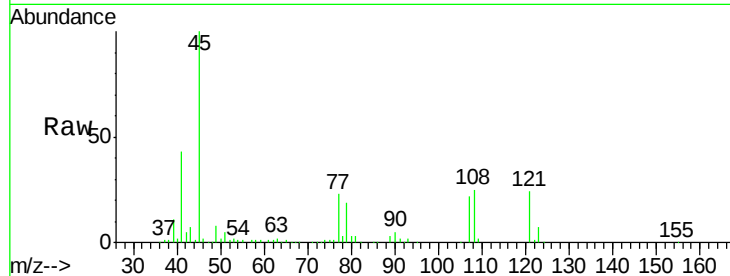
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 34.34 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	23.2	0.0	32.5
79	19.3	0.0	29.5

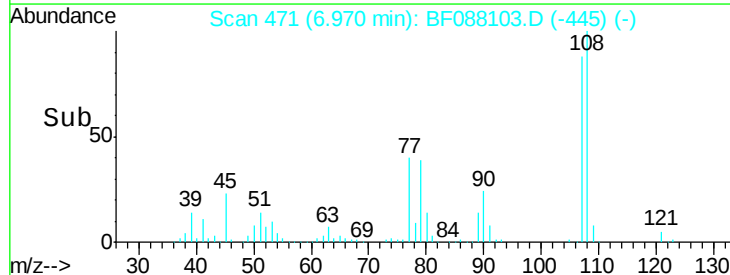
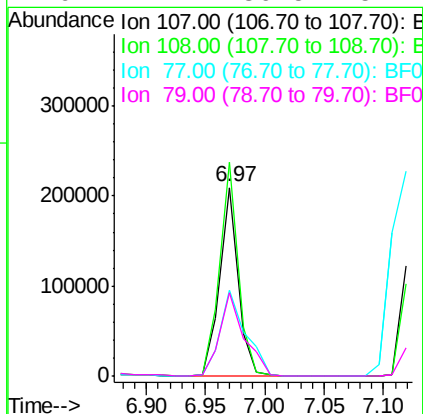
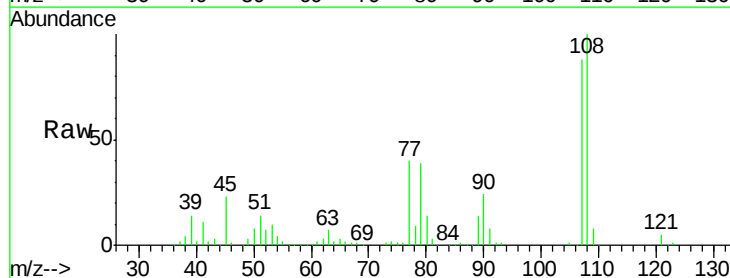
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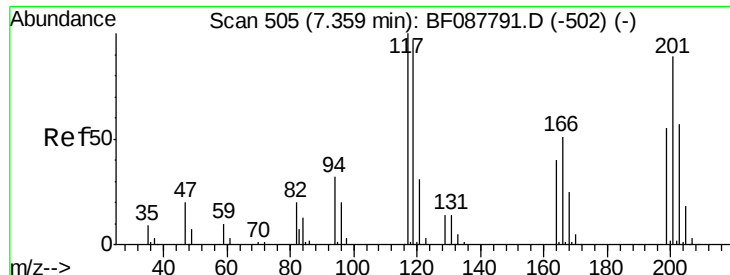
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#17
2-Methylphenol
Concen: 37.31 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	45.7	36.6	55.0
79	44.4	36.5	54.7





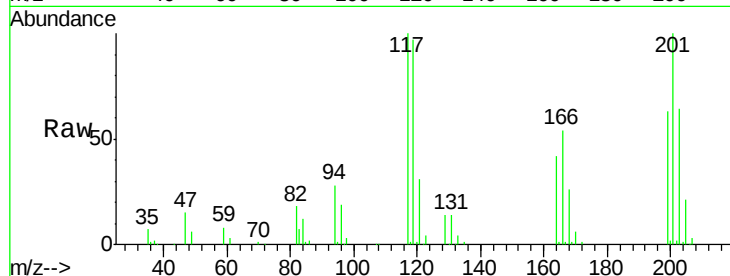
#18
Hexachloroethane
Concen: 37.47 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampled :
PB91310BSD

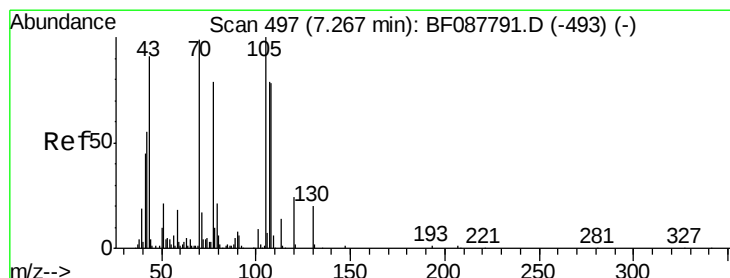
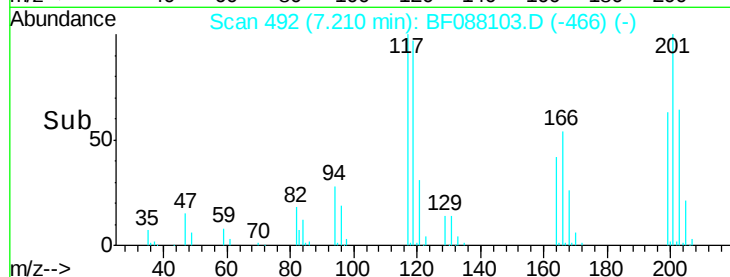
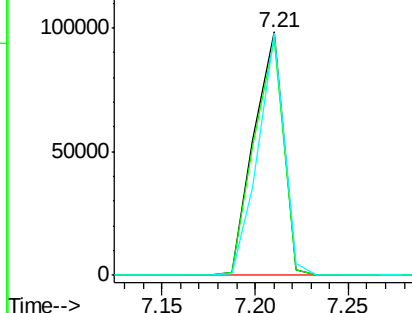
Tot Ion	Ratio	Resp	Lower	Upper
117	100	107072		
119	96.7		77.4	116.2
201	99.7		80.4	120.6

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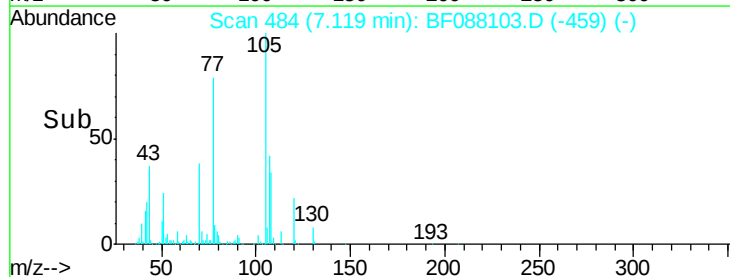
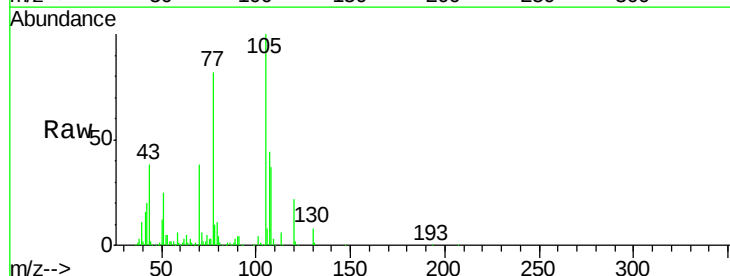
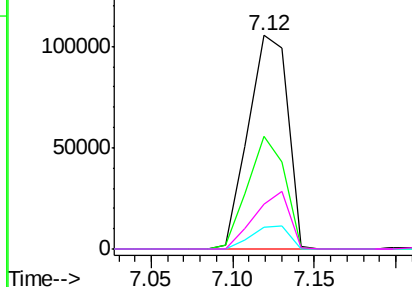
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

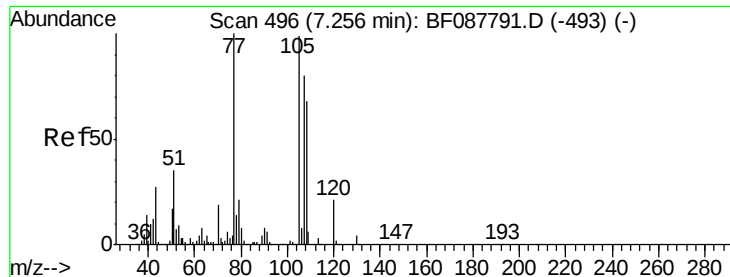


#19
n-Nitroso-di-n-propylamine
Concen: 36.22 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	176736		
42	52.5		49.6	74.4
101	10.0		7.1	10.7
130	21.2		15.4	23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 39.57 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

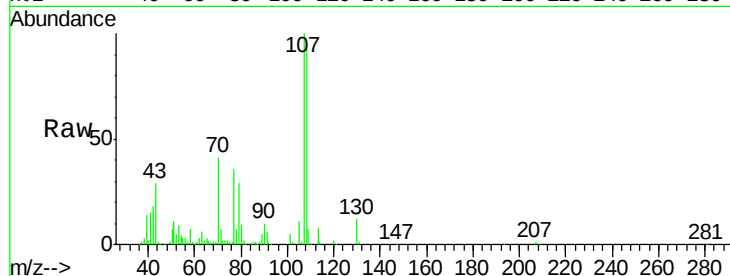
ClientSampleId :

PB91310BSD

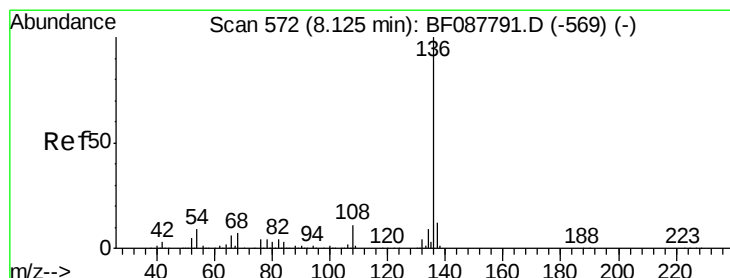
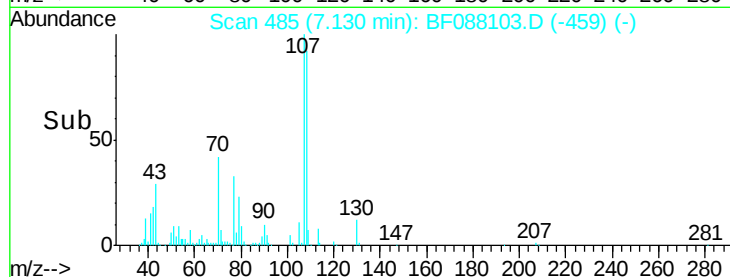
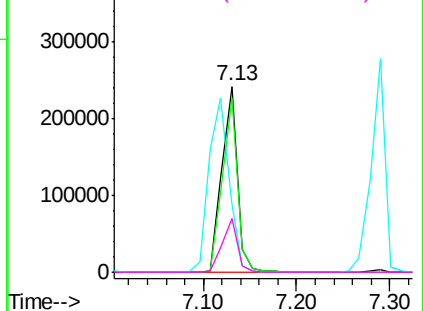
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Tot Ion	107	Resp	278944
Ion Ratio	Lower	Upper	
107	100		
108	93.7	67.8	107.8
77	36.3	59.3	99.3#
79	28.8	7.0	47.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

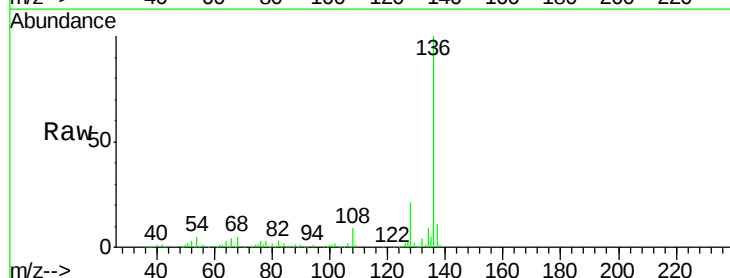
RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

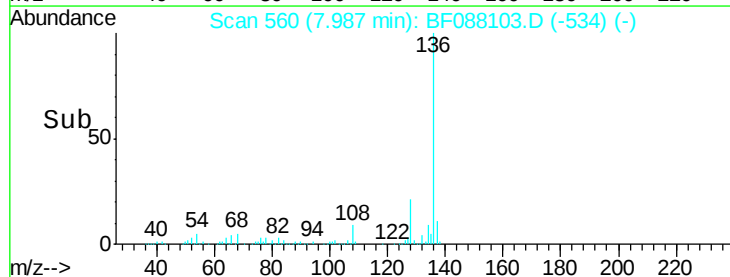
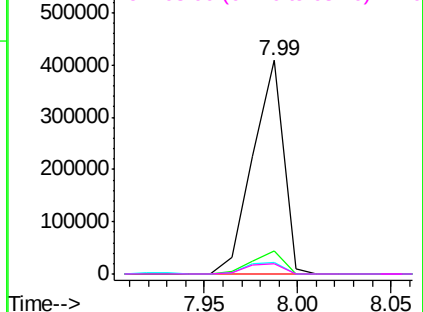
Lab File: BF088103.D

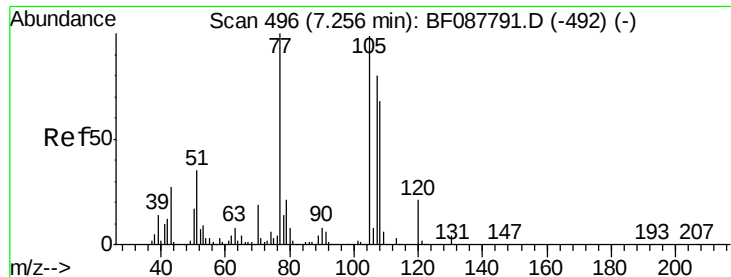
Acq: 17 Jun 2016 20:04

Tgt Ion	136	Resp	463031
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	5.4	6.6	10.0#
68	4.9	5.1	7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 35.01 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF088103.D

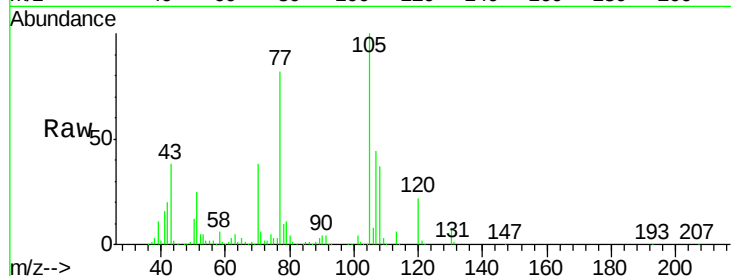
Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

ClientSampleId :

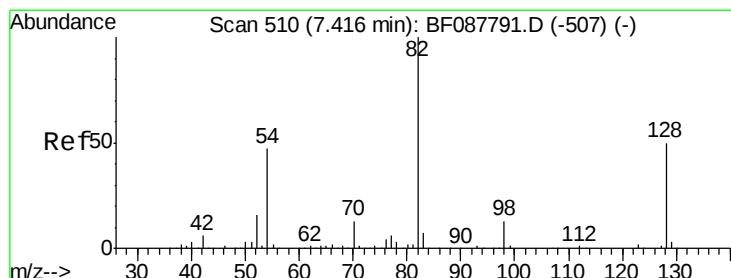
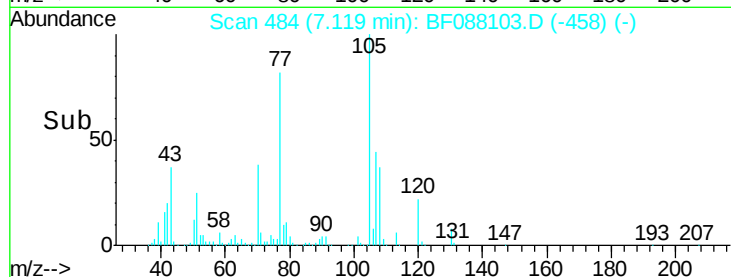
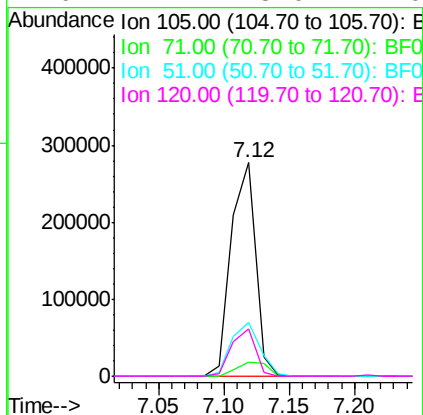
PB91310BSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	362245		
71	71	6.4		5.3	7.9
51	51	25.2		18.2	27.4
120	120	22.2		18.0	27.0

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#23

Nitrobenzene-d5

Concen: 60.20 ng

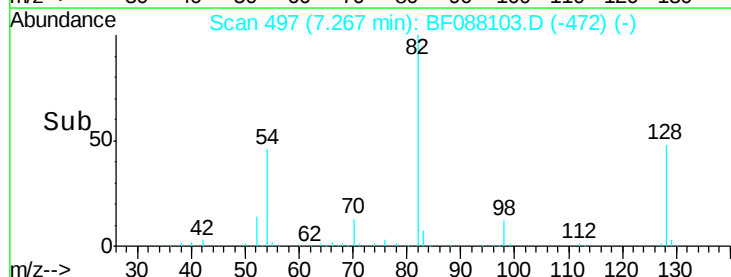
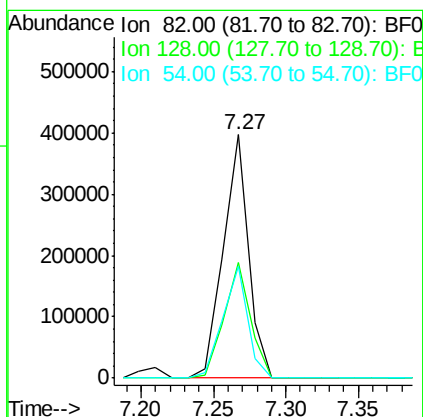
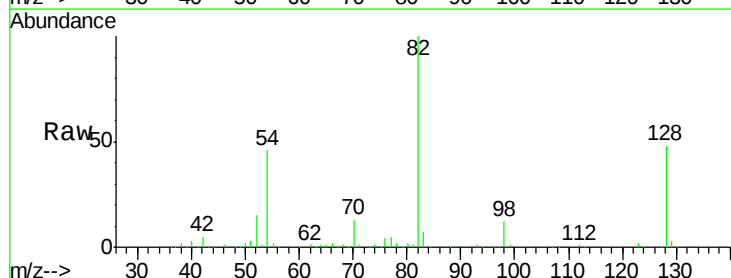
RT: 7.27 min Scan# 497

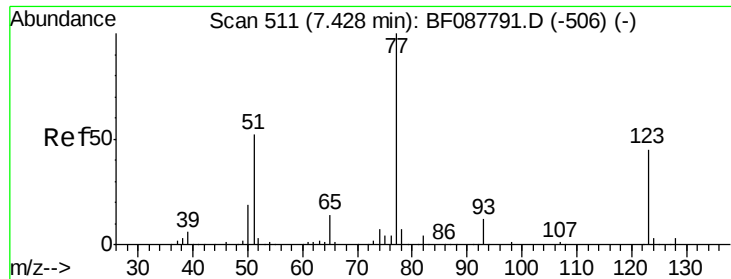
Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	477367		
128	128	47.6		35.9	53.9
54	54	46.2		40.9	61.3





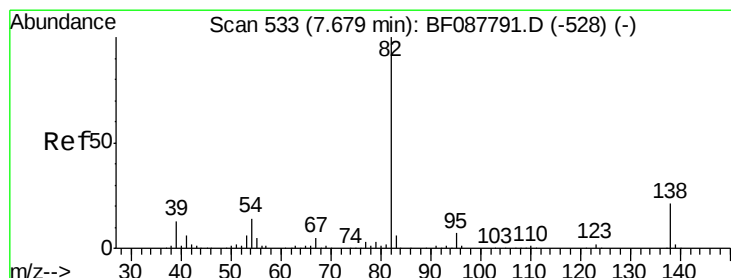
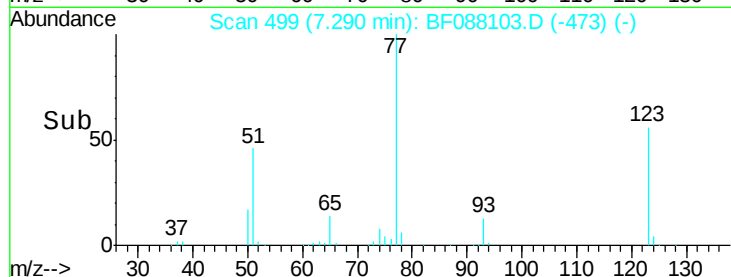
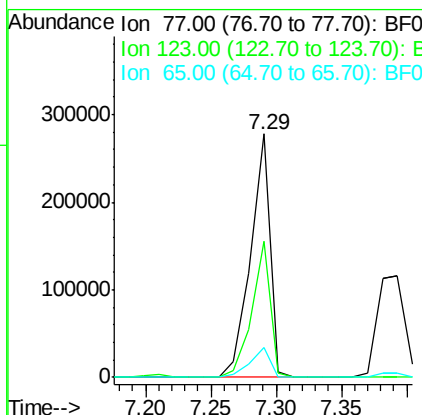
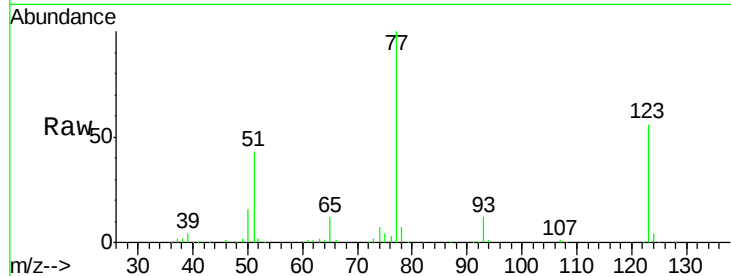
#24
Nitrobenzene
Concen: 38.04 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	56.0	45.0	67.4
65	12.4	10.2	15.2

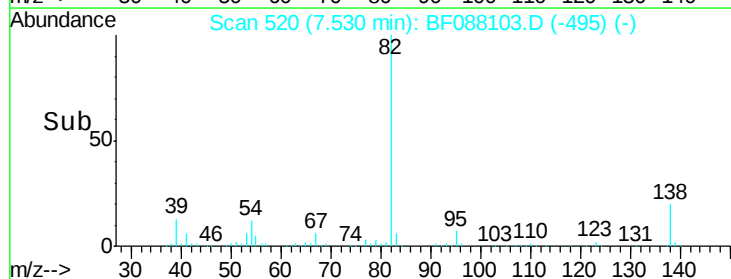
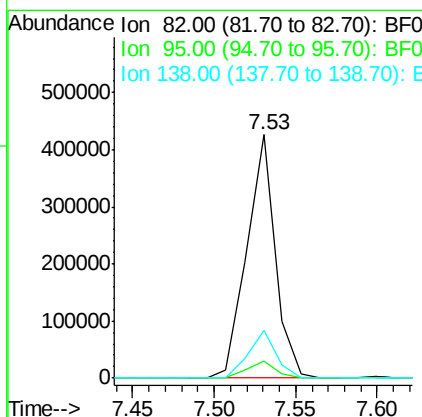
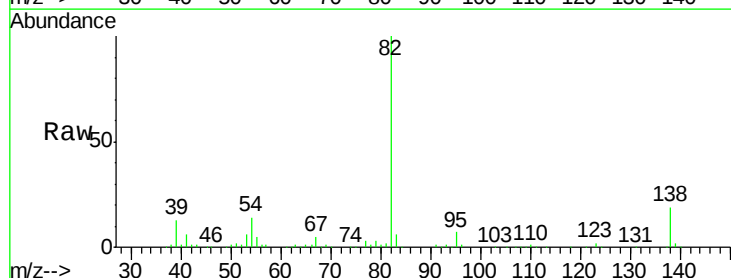
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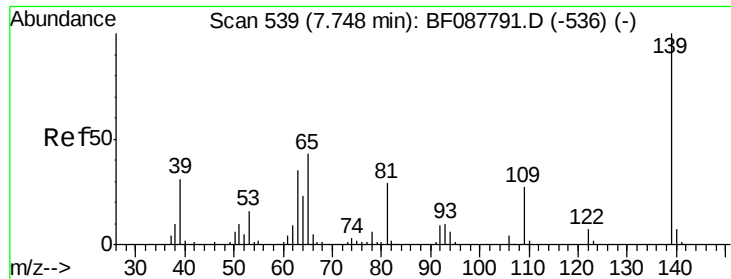
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#25
Isophorone
Concen: 35.08 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	19.5	14.6	21.8





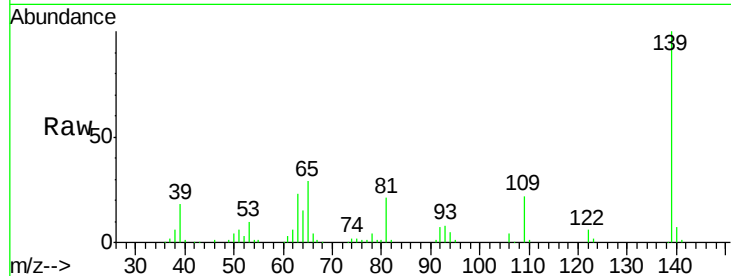
#26
 2-Nitrophenol
 Concen: 37.07 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

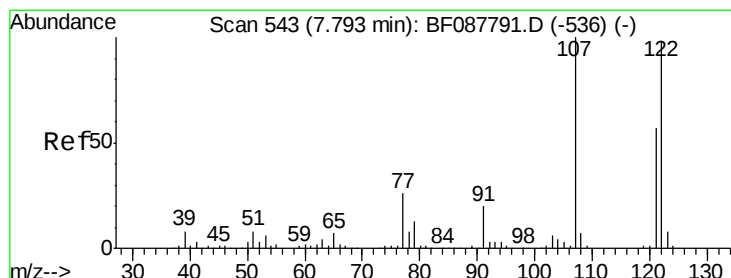
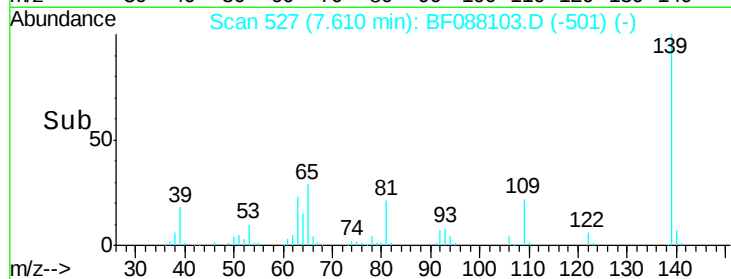
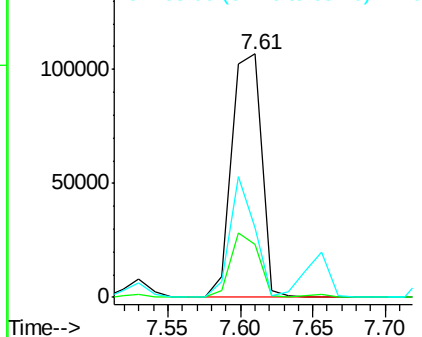
Tot Ion	Ratio	Resp	Lower	Upper
139	100	152532		
109	21.8	23.0	34.4#	
65	28.7	45.8	68.8#	

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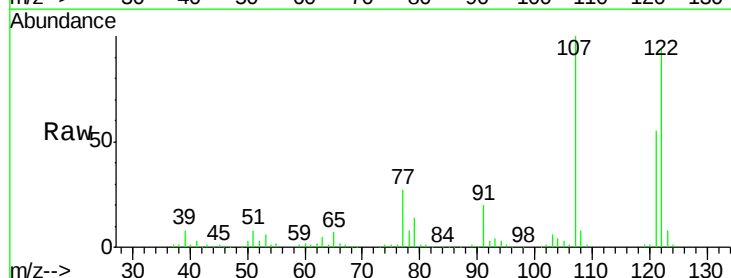


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

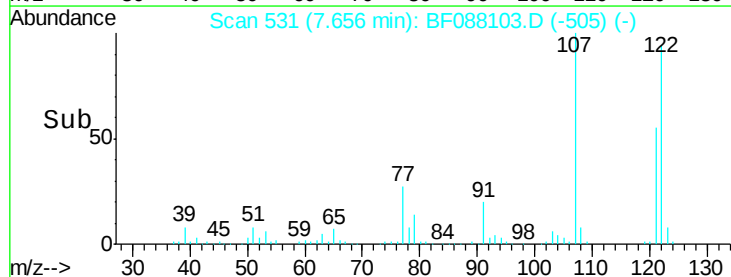
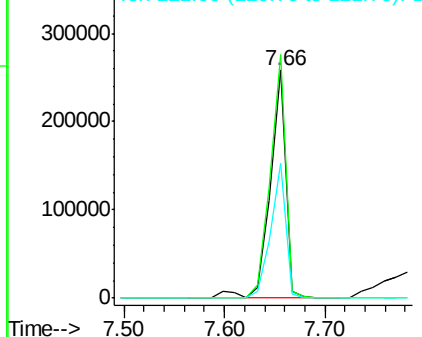


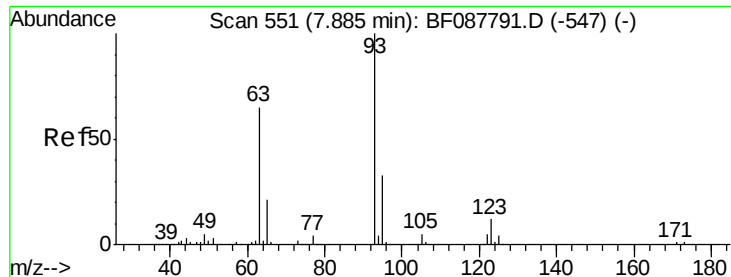
#27
 2,4-Dimethylphenol
 Concen: 36.79 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	278720		
107	106.7	82.4	123.6	
121	59.1	46.3	69.5	



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





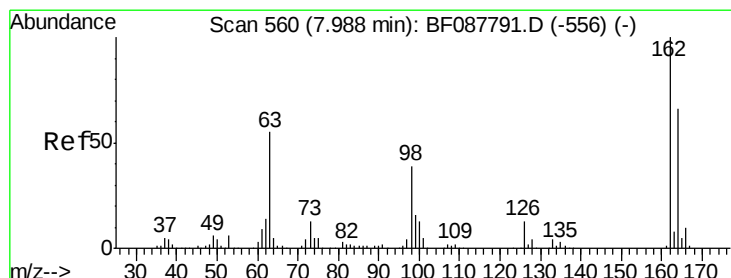
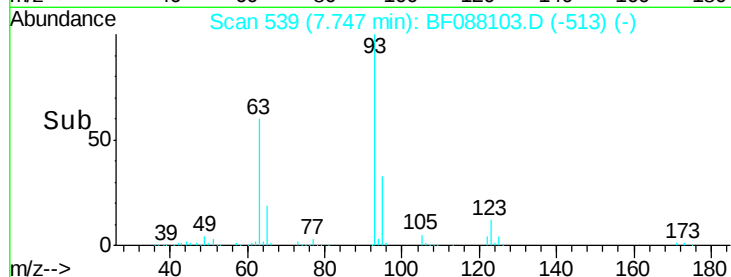
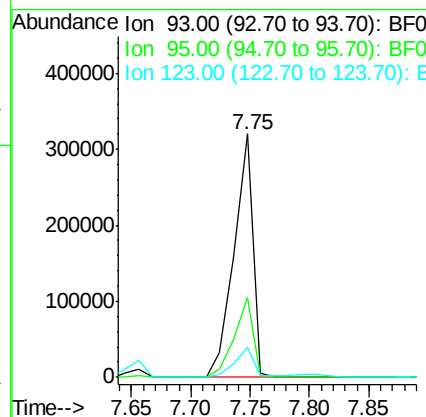
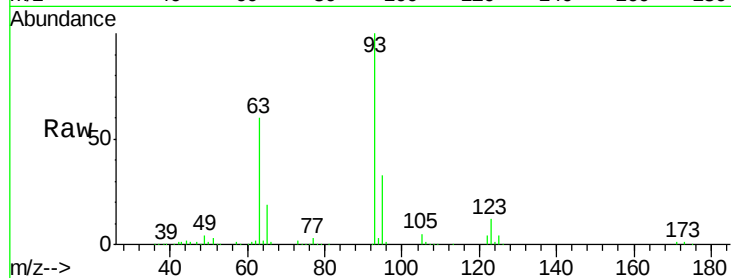
#28
bis(2-Chloroethoxy)methane
Concen: 38.80 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		353441		
95	32.8	26.5	39.7		
123	12.1	11.6	17.4		

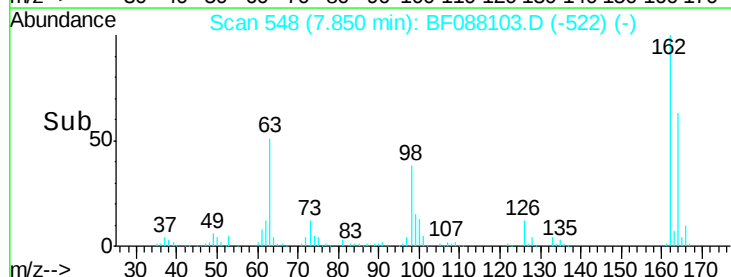
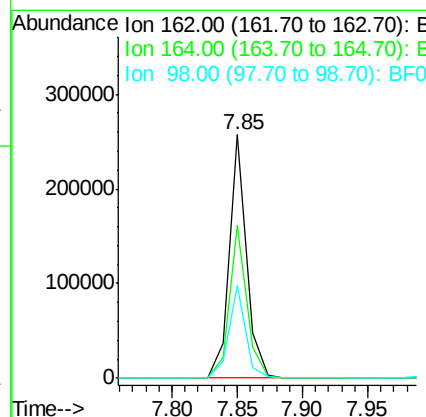
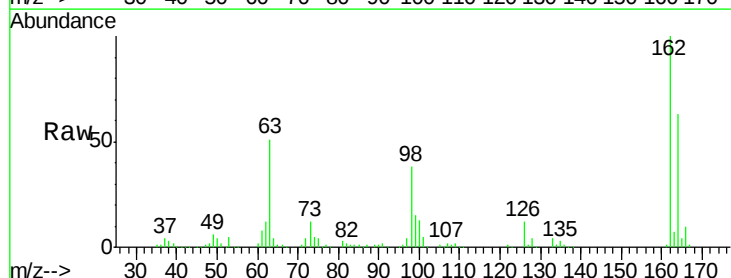
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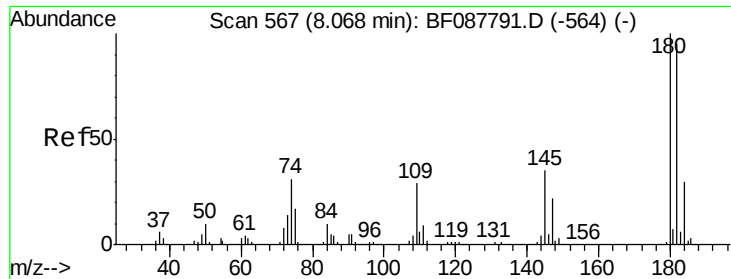
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#29
2,4-Dichlorophenol
Concen: 37.69 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100		238414		
164	63.0	43.8	83.8		
98	38.3	21.3	61.3		





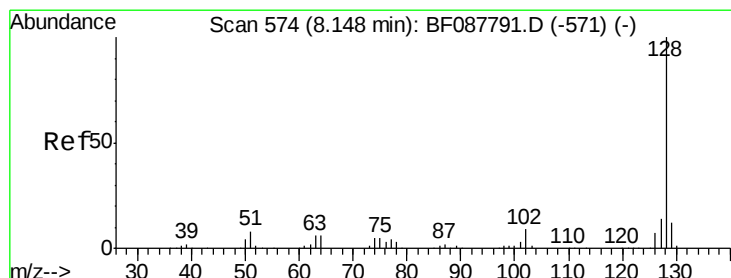
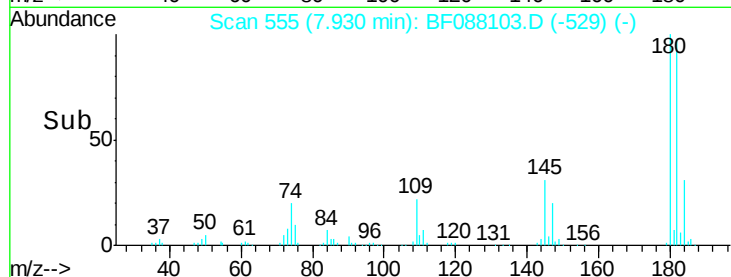
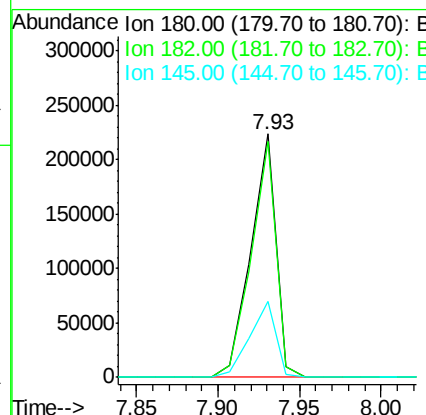
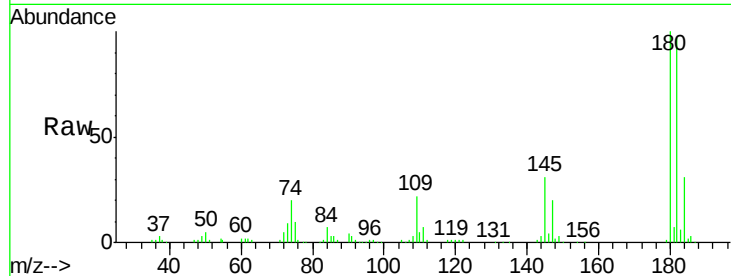
#30
 1,2,4-Trichlorobenzene
 Concen: 34.82 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	239811		
182	96.7	76.0	114.0	
145	31.4	26.5	39.7	

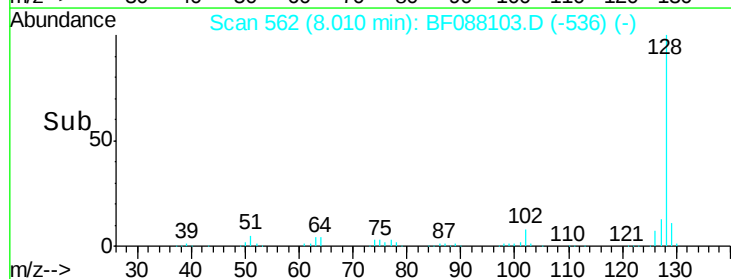
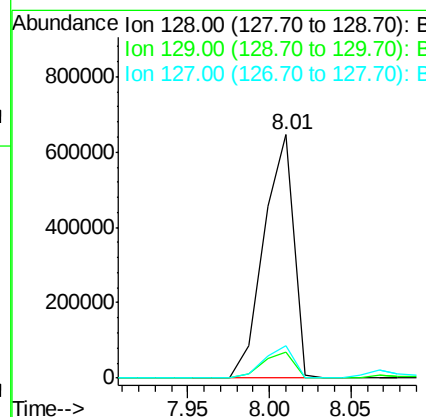
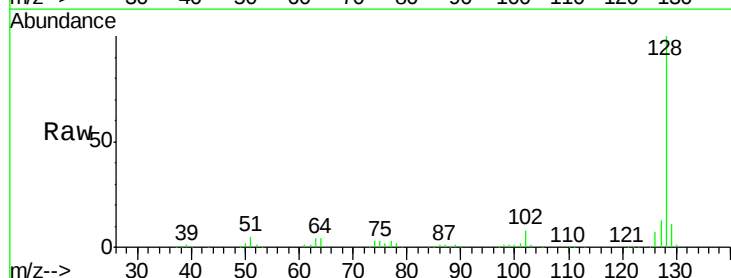
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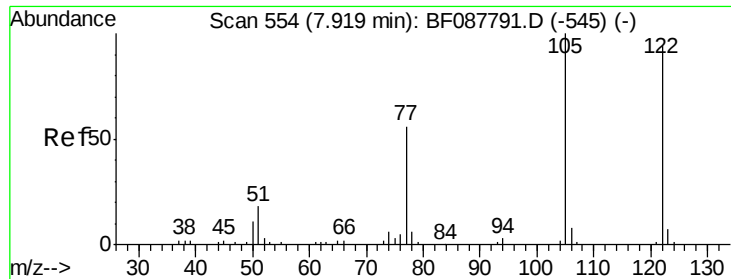
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#31
 Naphthalene
 Concen: 35.92 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	823025		
129	10.9	9.4	14.2	
127	13.2	10.9	16.3	





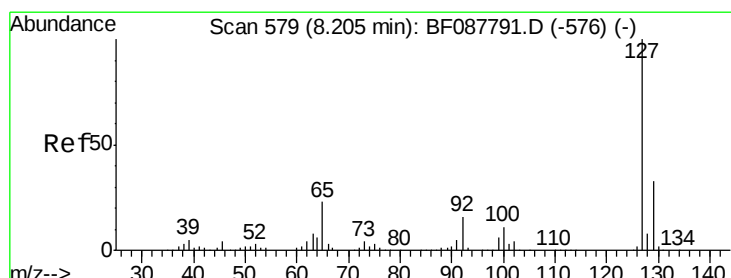
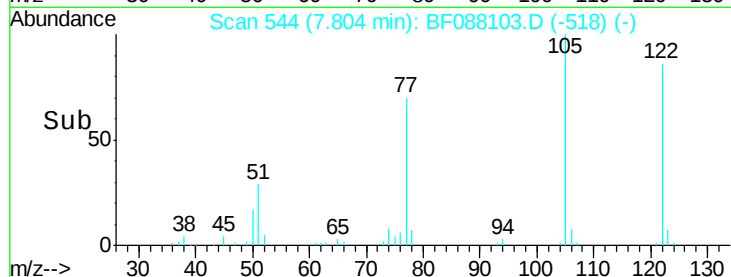
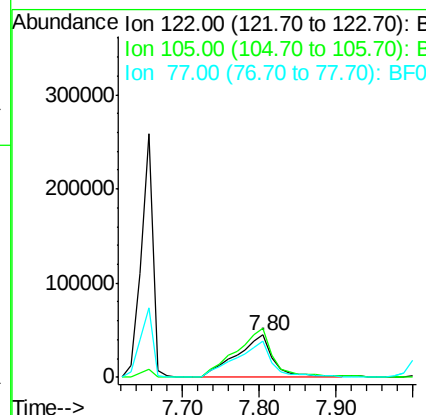
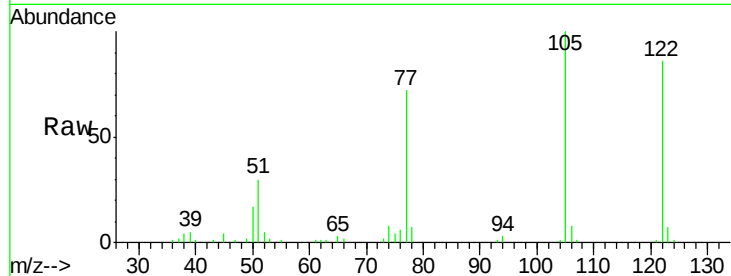
#32
Benzoic acid
Concen: 35.44 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	147825		
105	116.7	101.6	141.6	
77	84.5	70.6	110.6	

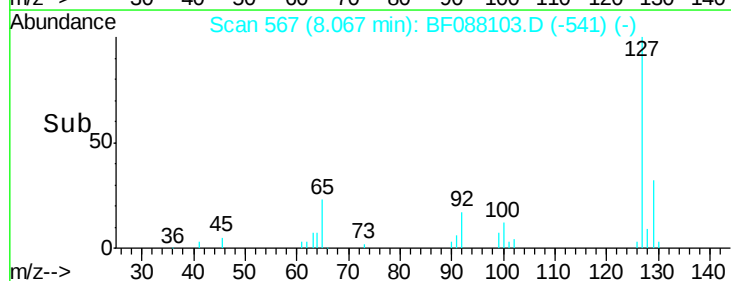
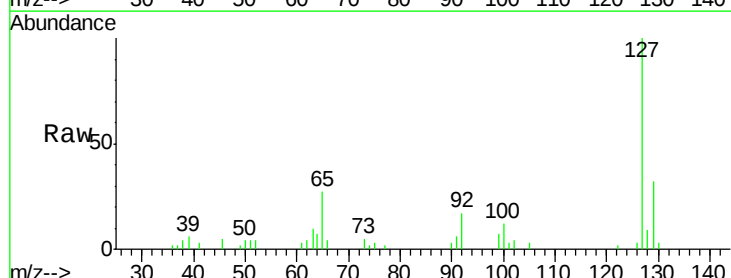
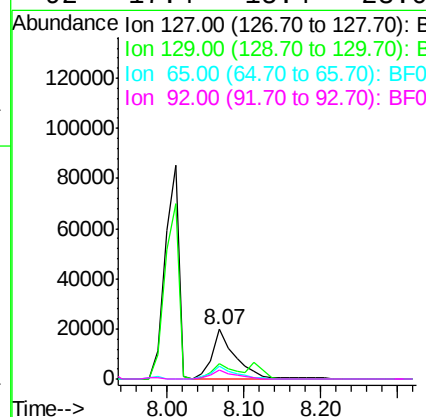
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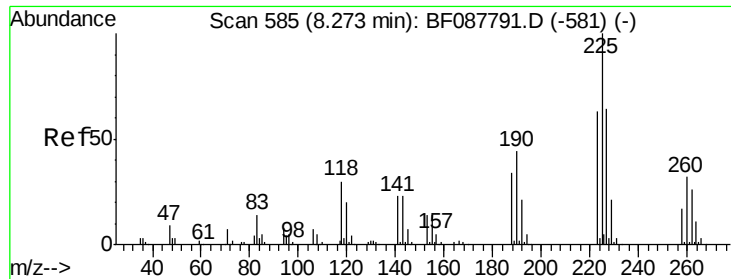
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#33
4-Chloroaniline
Concen: 4.17 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	42634		
129	32.1	26.3	39.5	
65	26.8	24.7	37.1	
92	17.4	15.4	23.0	





#34

Hexachlorobutadiene

Concen: 33.87 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

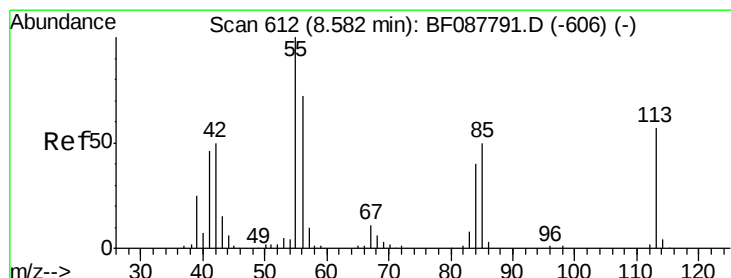
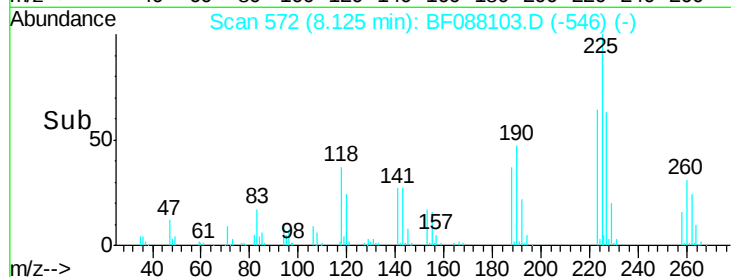
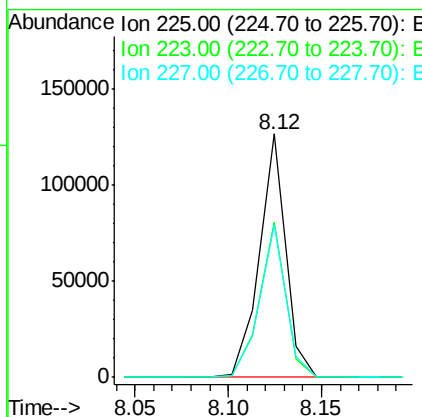
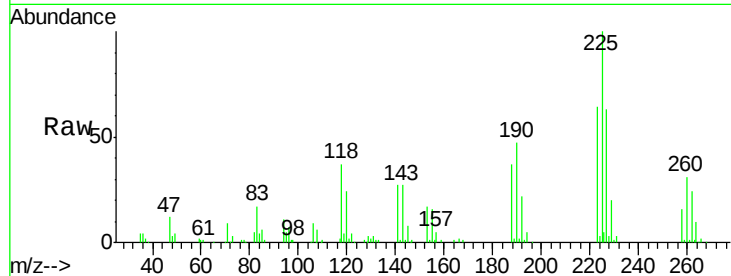
ClientSampleId :

PB91310BSD

Tot Ion:	225	Resp:	123021
Ion Ratio		Lower	Upper
225	100		
223	63.9	50.9	76.3
227	62.7	51.9	77.9

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#35

Caprolactam

Concen: 37.72 ng m

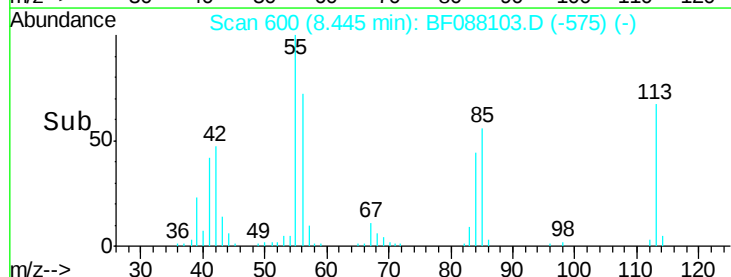
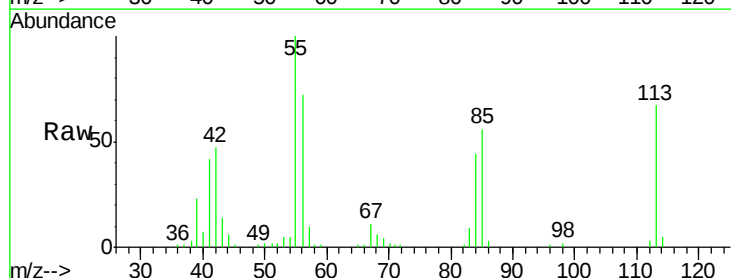
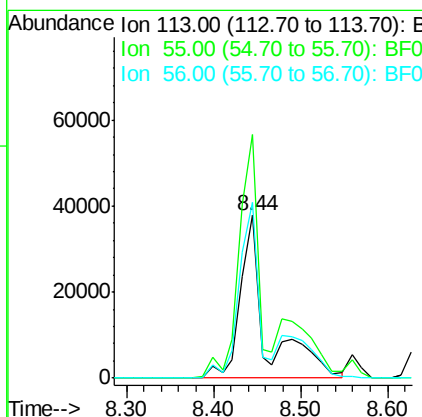
RT: 8.44 min Scan# 600

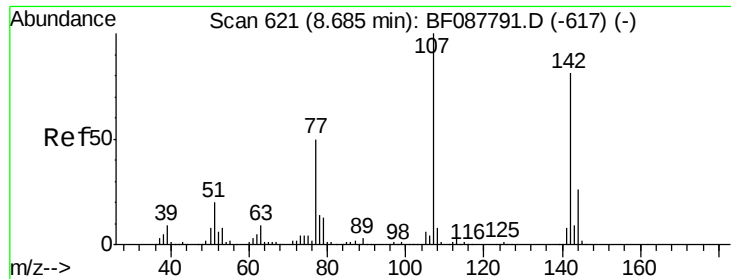
Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	113	Resp:	79023
Ion Ratio		Lower	Upper
113	100		
55	150.0	158.6	198.6#
56	108.0	110.6	150.6#





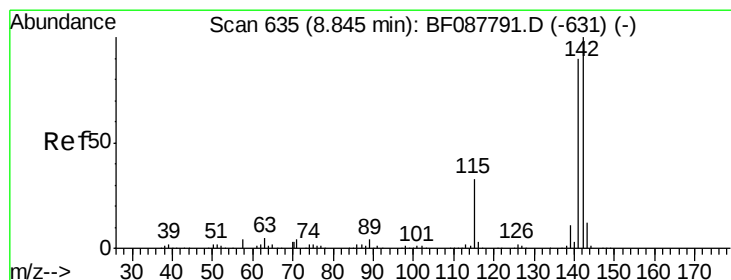
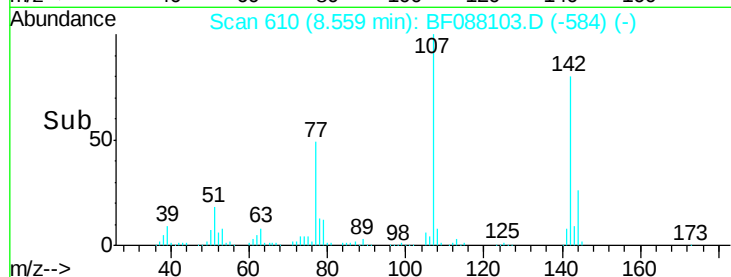
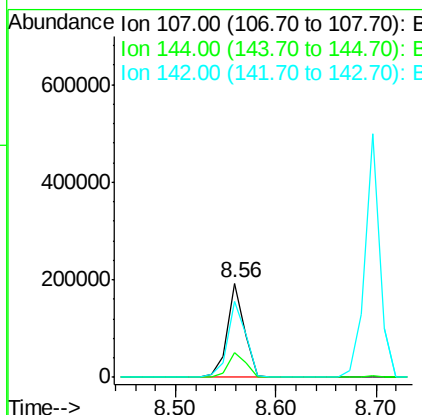
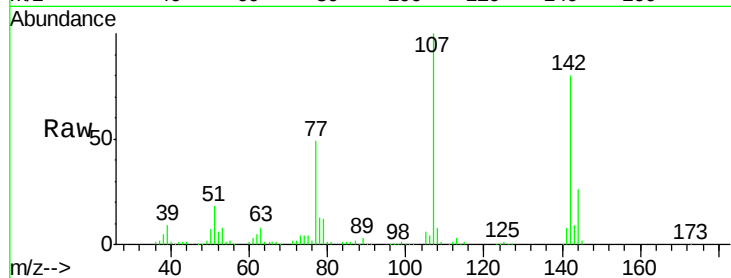
#36
4-Chloro-3-methylphenol
Concen: 34.01 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	230069		
144	25.7	20.8	31.2	
142	80.0	63.4	95.2	

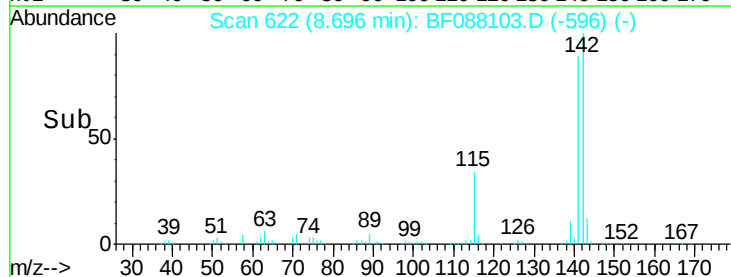
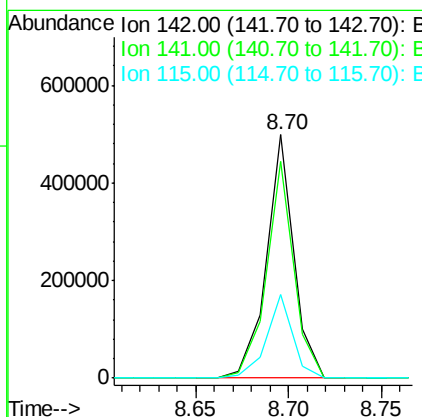
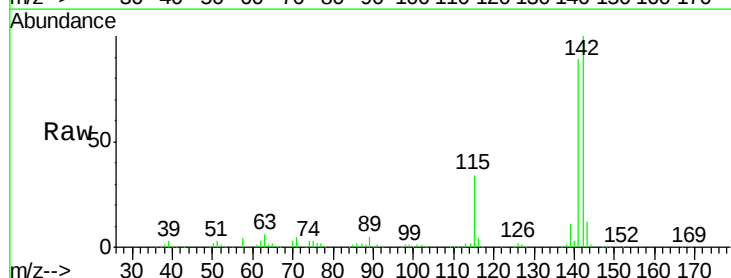
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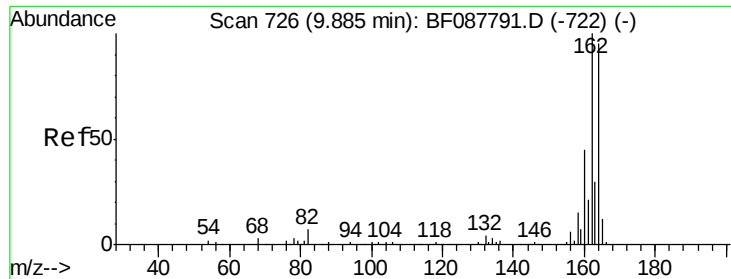
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#37
2-Methylnaphthalene
Concen: 33.86 ng m
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	511355		
141	89.0	71.0	106.6	
115	34.4	22.6	33.8#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

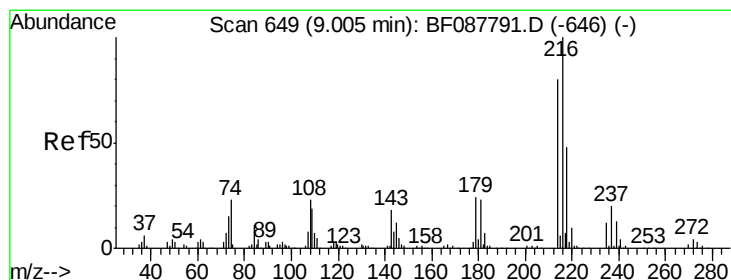
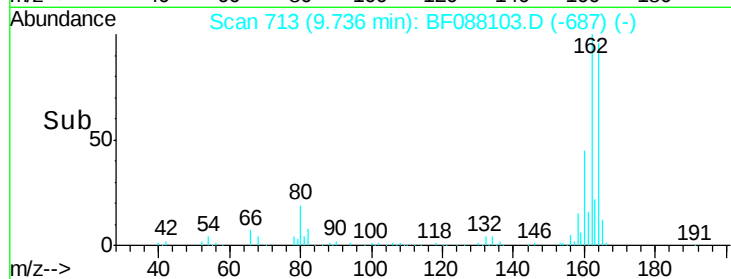
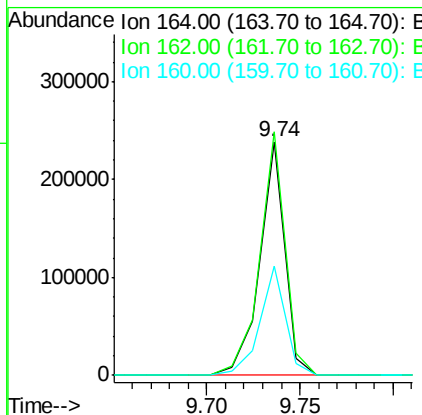
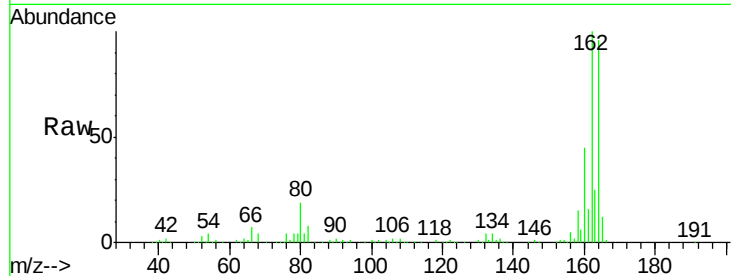
ClientSampleId :

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Tot Ion:	164	Resp:	219153
Ion Ratio	Lower	Upper	
164	100		
162	104.1	85.4	128.2
160	46.9	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.43 ng

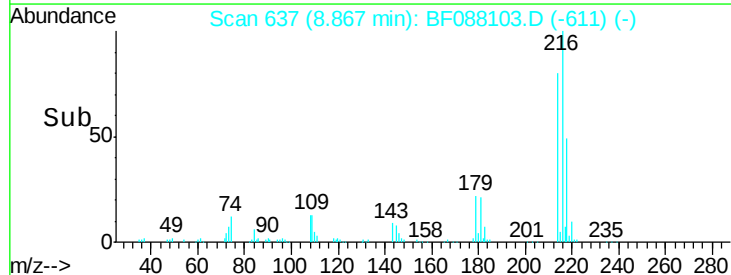
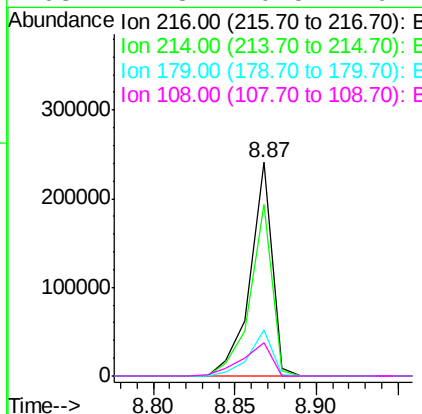
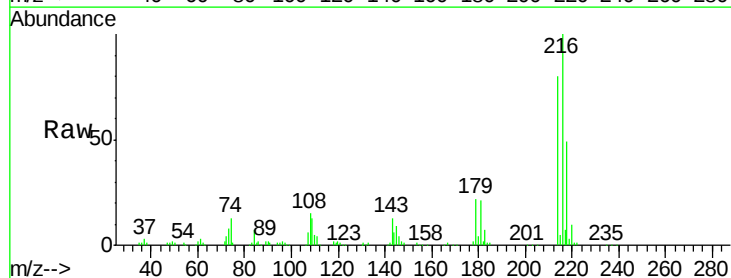
RT: 8.87 min Scan# 637

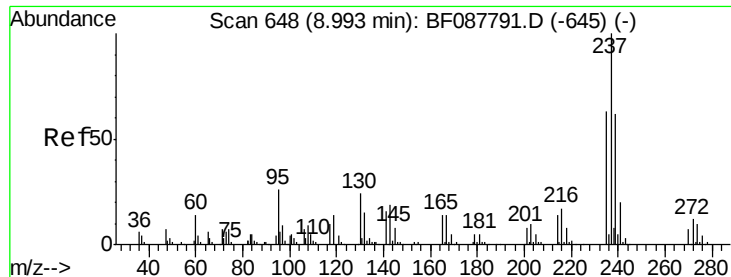
Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	216	Resp:	225837
Ion Ratio	Lower	Upper	
216	100		
214	80.1	2.9	4.3#
179	22.4	0.0	0.0#
108	21.3	0.5	0.7#





#40

Hexachlorocyclopentadiene

Concen: 46.93 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

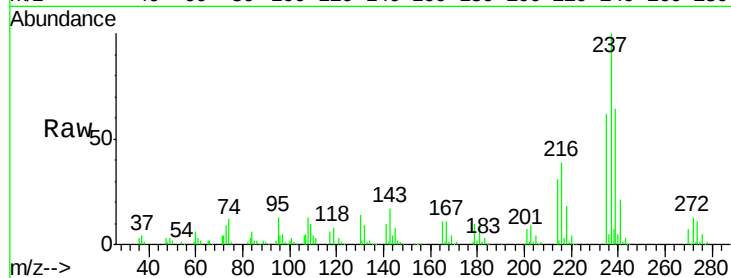
ClientSampleId :

PB91310BSD

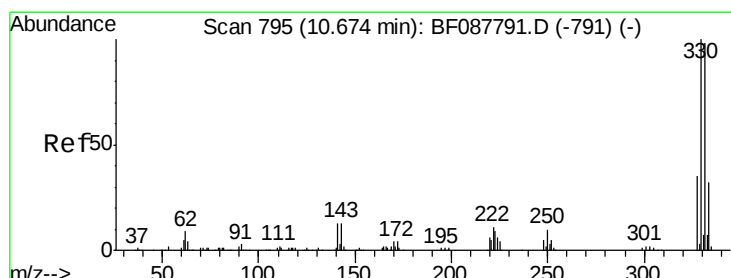
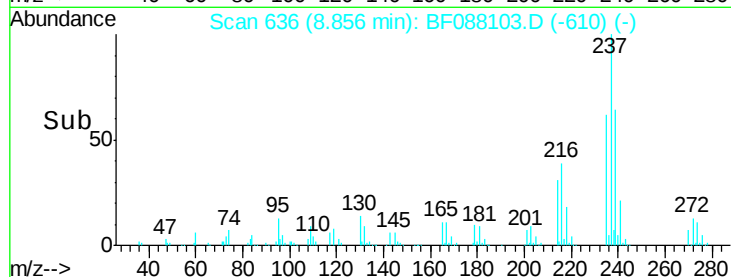
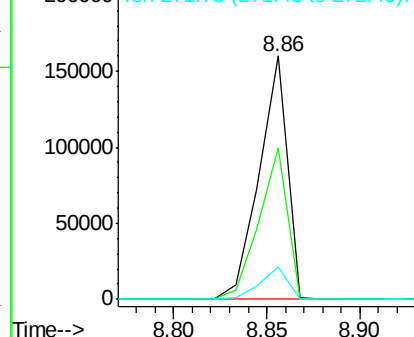
Tot Ion:	237	Resp:	165905
Ion Ratio		Lower	Upper
237	100		
235	62.3	43.4	83.4
272	13.4	0.0	32.3

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



#41

2,4,6-Tribromophenol

Concen: 55.63 ng

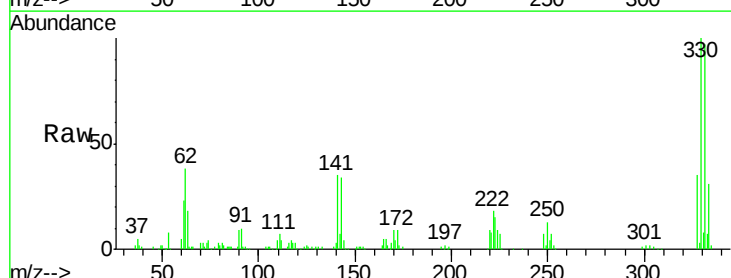
RT: 10.52 min Scan# 782

Delta R.T. -0.00 min

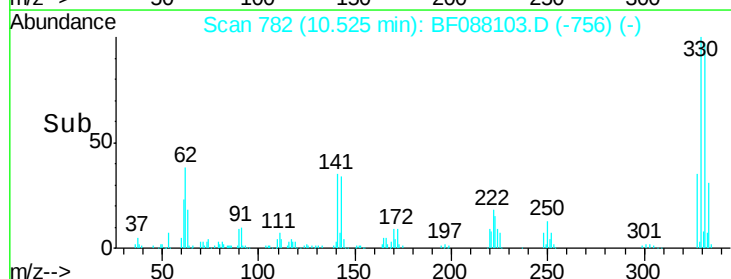
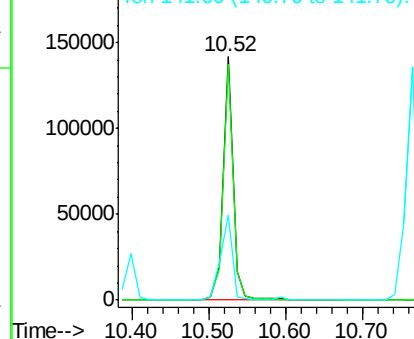
Lab File: BF088103.D

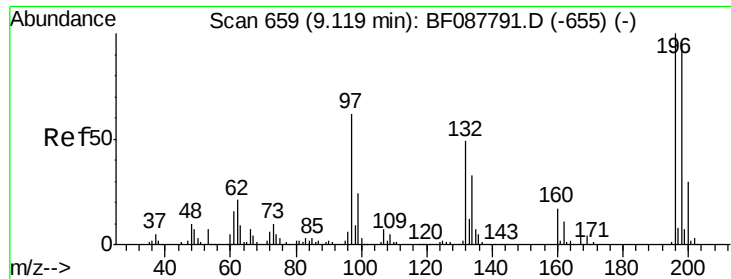
Acq: 17 Jun 2016 20:04

Tgt Ion:	330	Resp:	128732
Ion Ratio		Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	40.3	0.0	0.0#



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





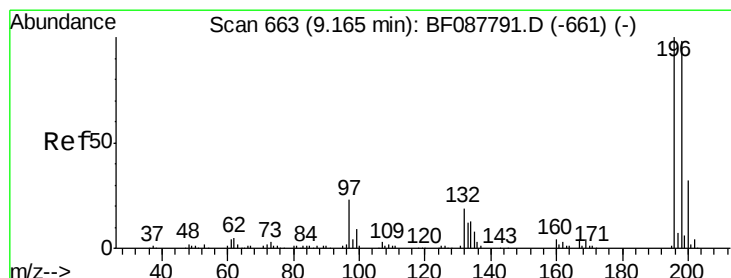
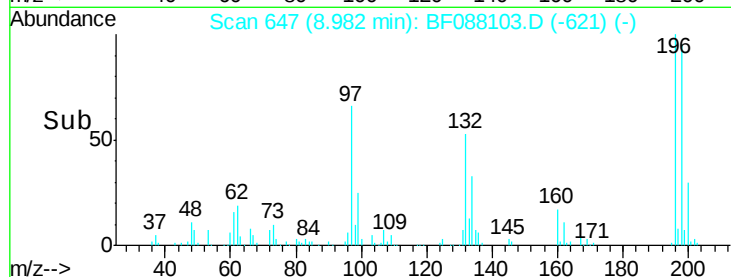
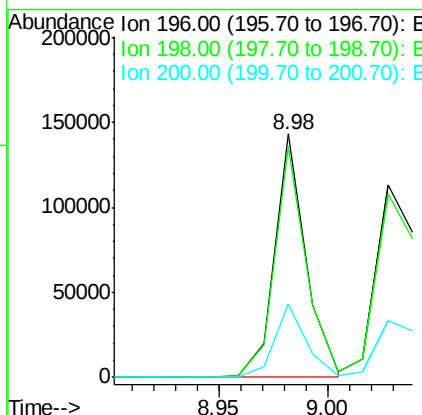
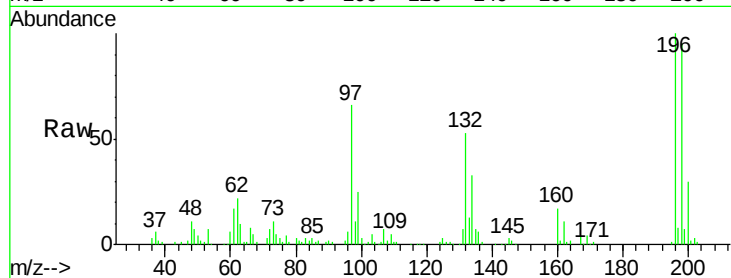
#42
 2,4,6-Trichlorophenol
 Concen: 32.79 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143704		
198	95.0	78.0	117.0	
200	30.0	25.4	38.2	

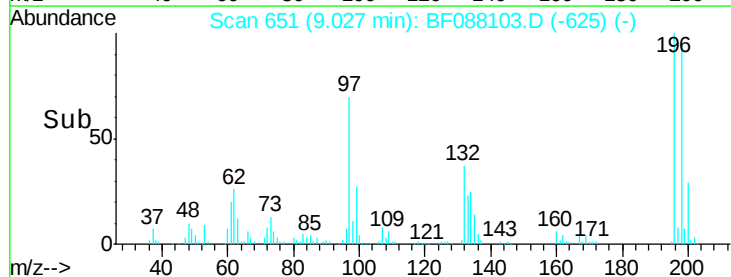
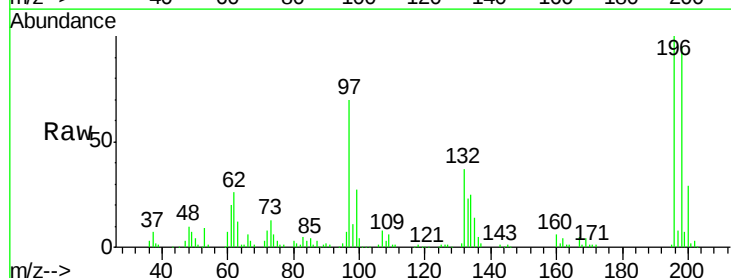
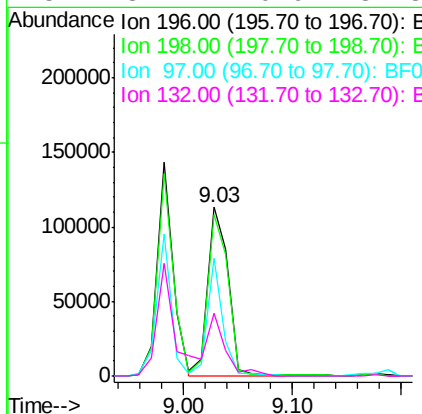
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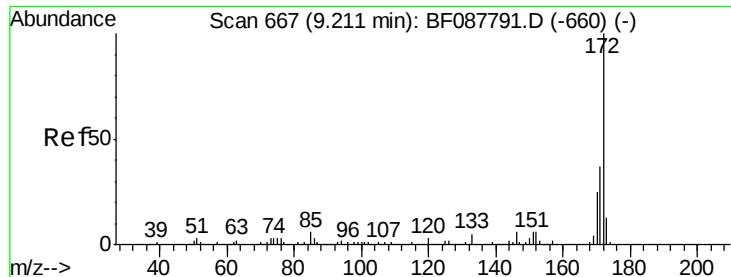
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#43
 2,4,5-Trichlorophenol
 Concen: 32.65 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148861		
198	95.5	77.5	116.3	
97	69.6	32.0	48.0#	
132	37.4	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 65.61 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

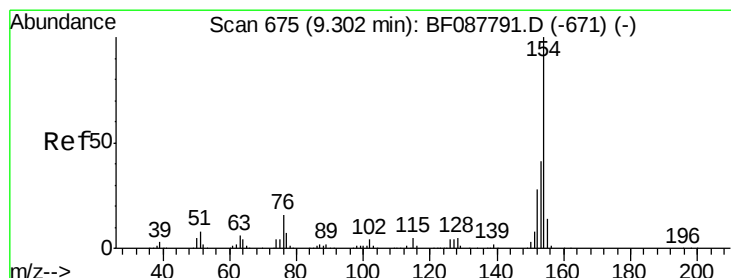
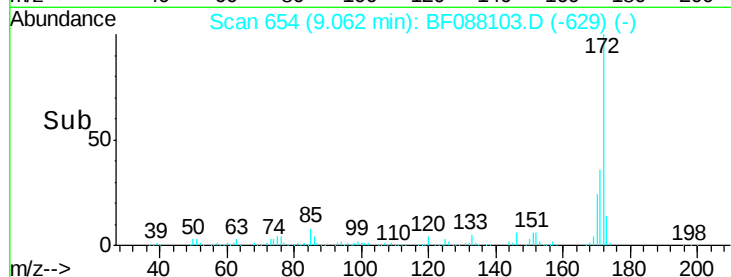
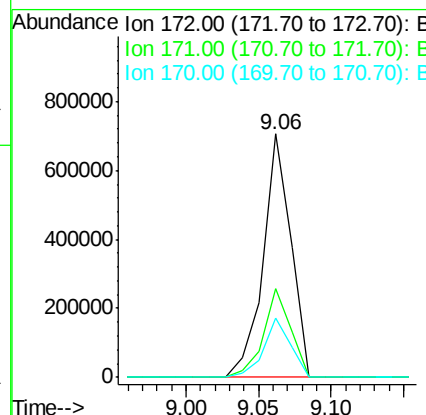
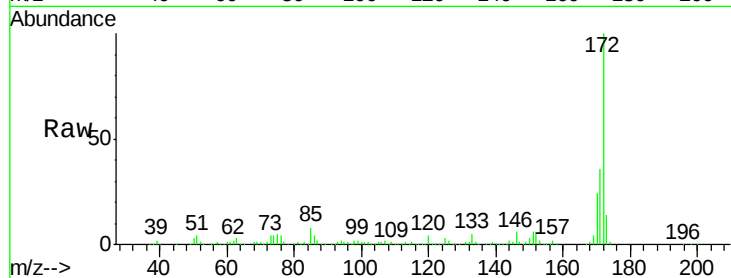
ClientSampleId :

PB91310BSD

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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	19.2	28.8



#45

1,1'-Biphenyl

Concen: 38.40 ng

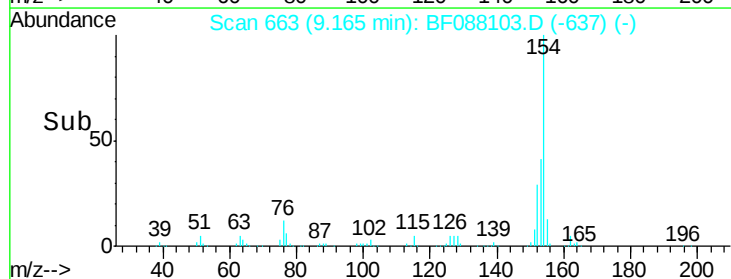
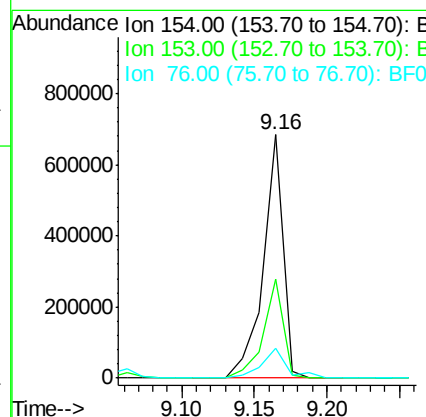
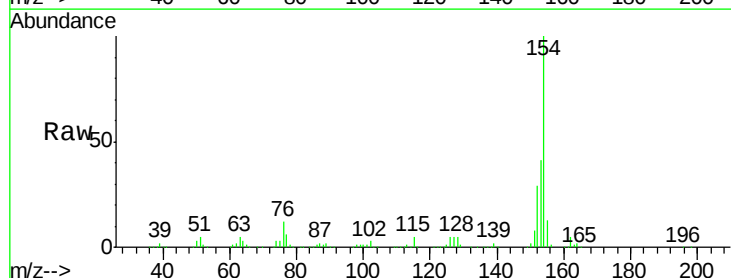
RT: 9.16 min Scan# 663

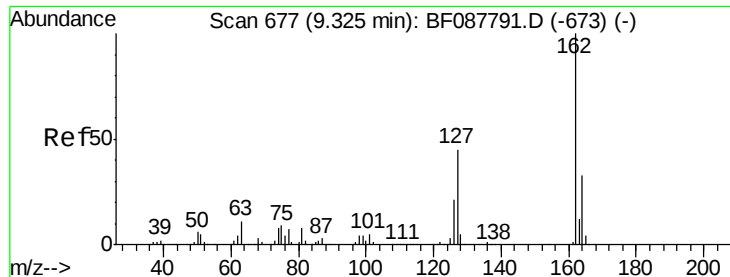
Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	12.0	0.0	35.1





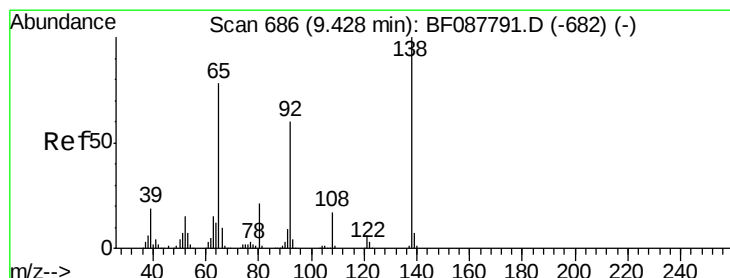
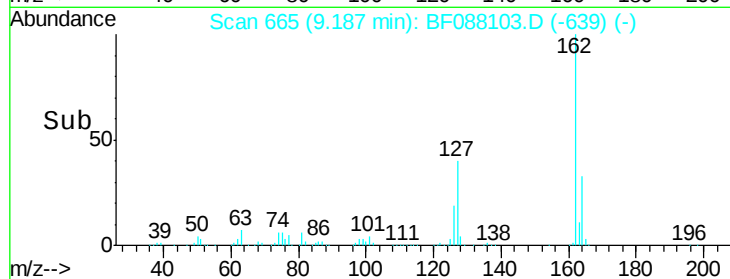
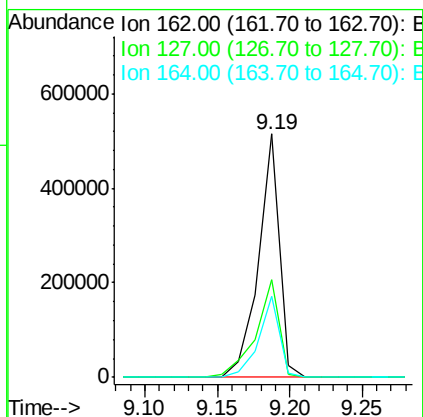
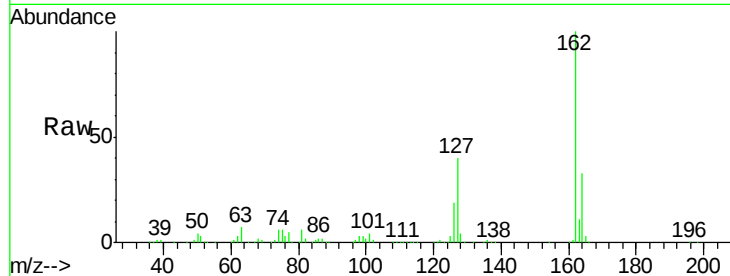
#46
2-Chloronaphthalene
Concen: 36.24 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.1	35.2	52.8
164	33.2	26.6	39.8

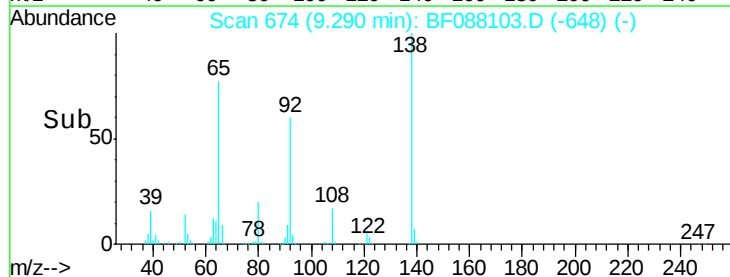
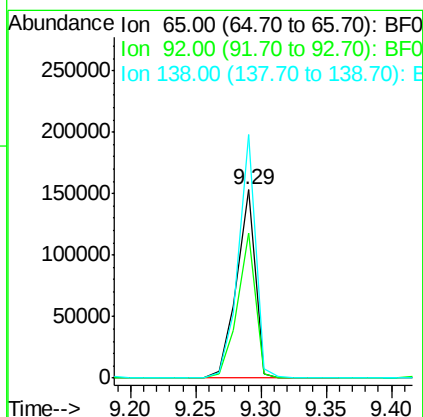
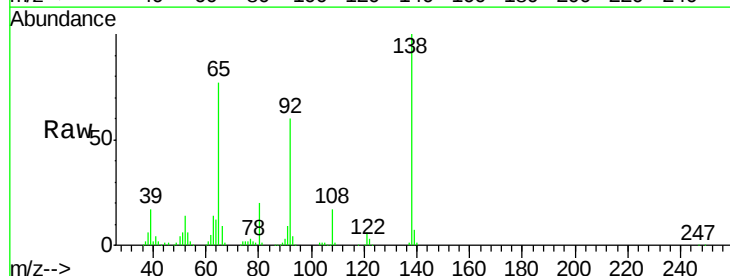
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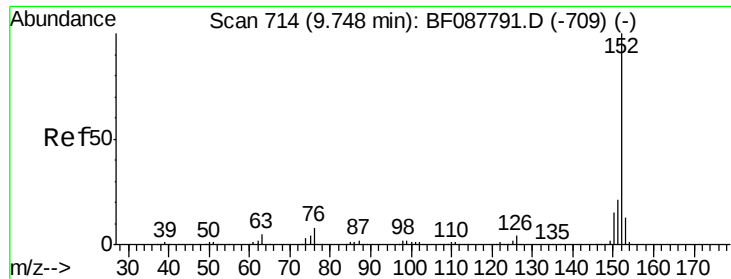
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#47
2-Nitroaniline
Concen: 36.46 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	76.9	54.6	82.0
138	129.2	77.0	115.4#





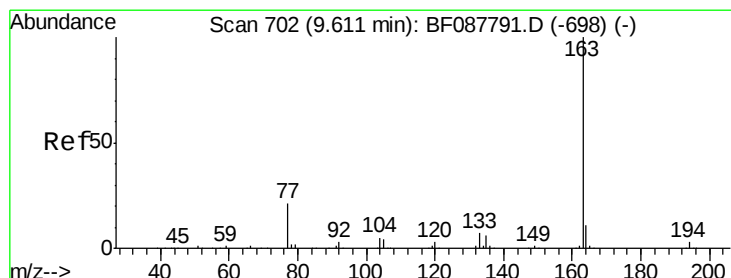
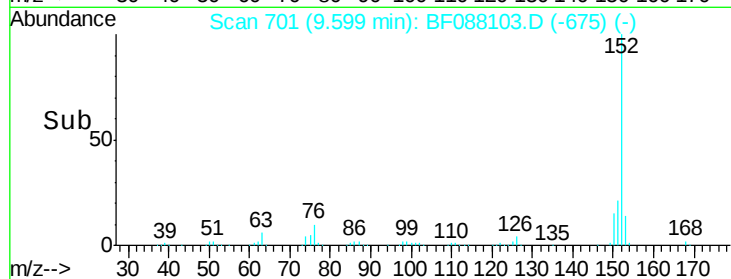
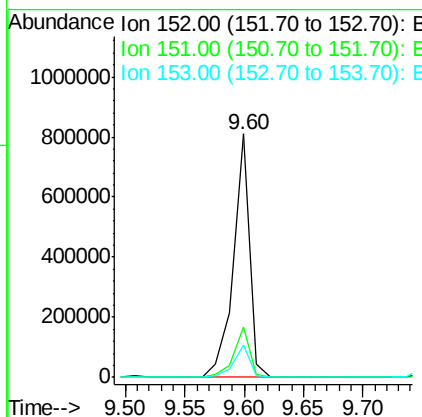
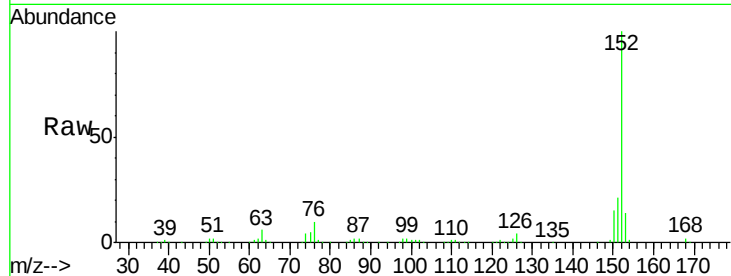
#48
Acenaphthylene
Concen: 33.88 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.6	11.0	16.6

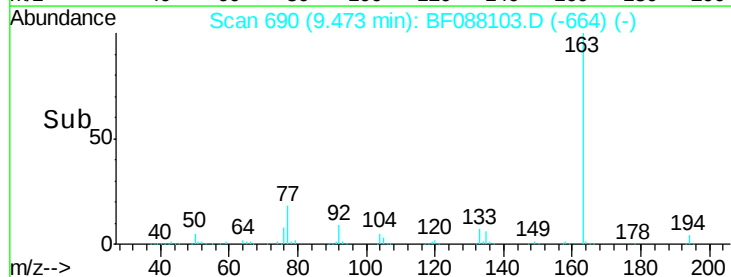
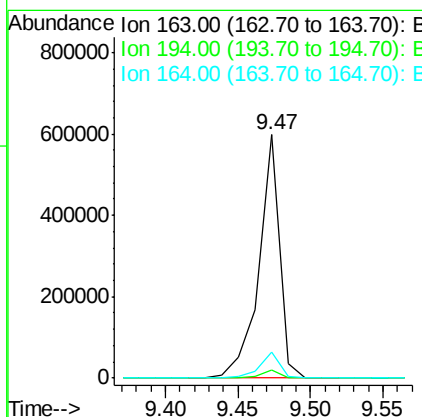
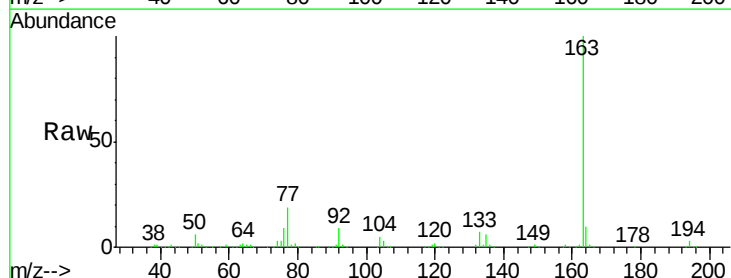
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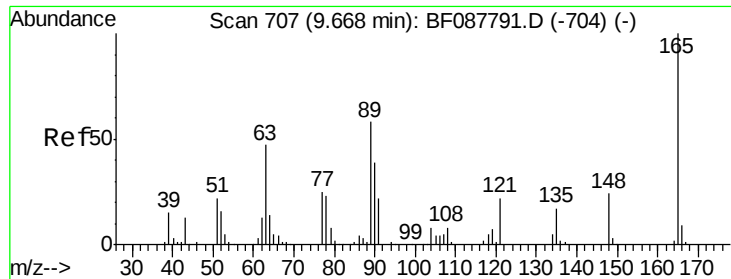
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#49
Dimethylphthalate
Concen: 37.15 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.5	8.3	12.5





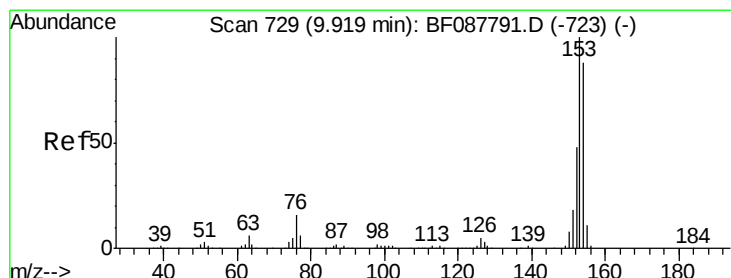
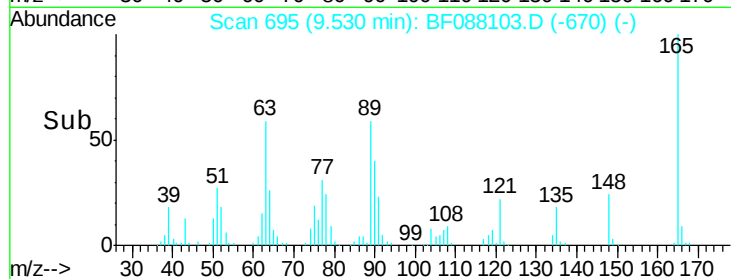
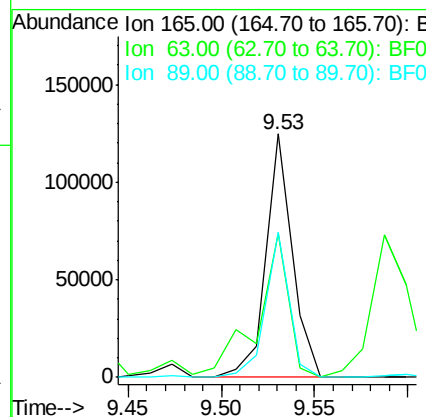
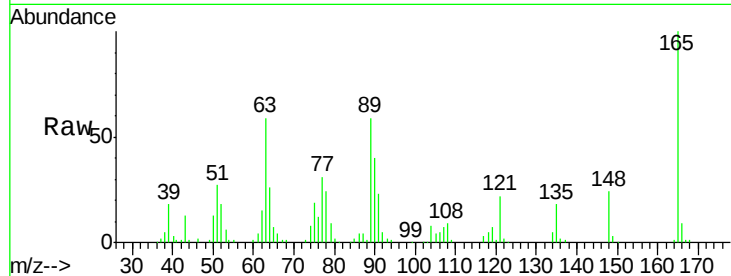
#50
2,6-Dinitrotoluene
Concen: 33.47 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.9	28.1	42.1#
89	59.5	32.2	48.2#

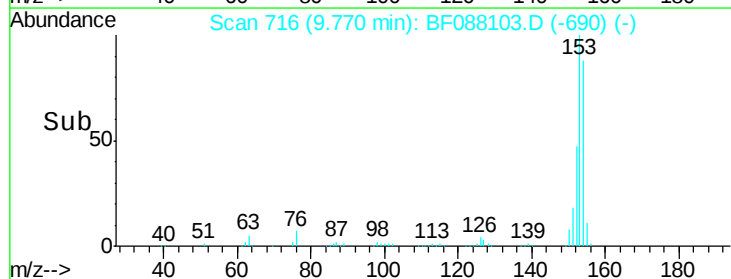
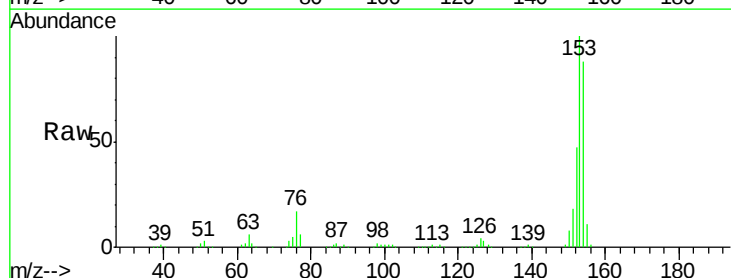
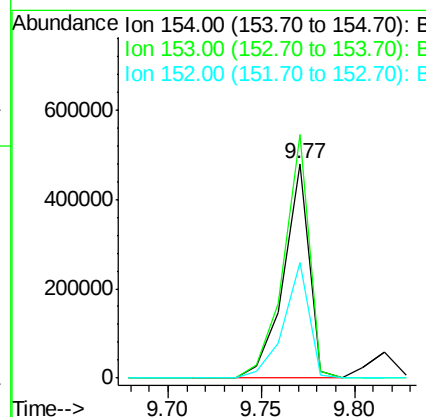
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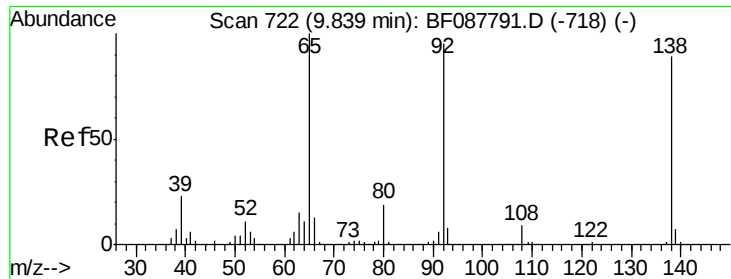
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#51
Acenaphthene
Concen: 32.57 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.7	89.5	134.3
152	53.9	42.7	64.1





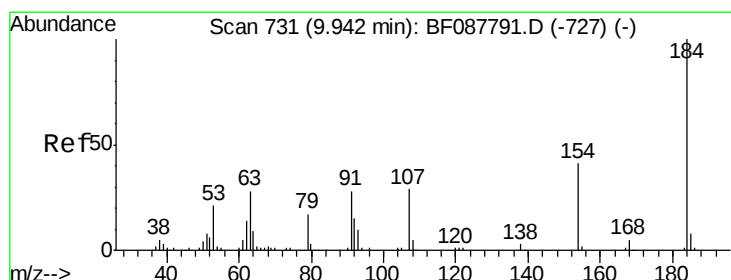
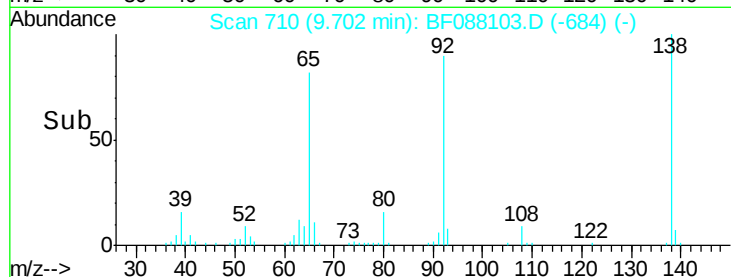
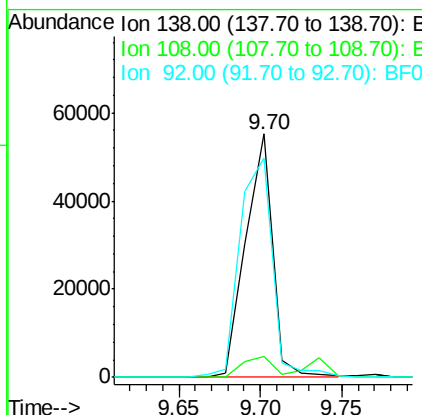
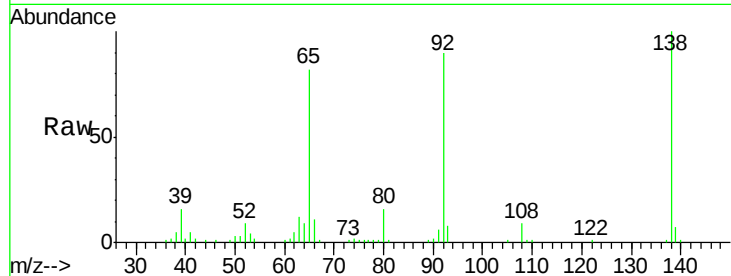
#52
 3-Nitroaniline
 Concen: 15.12 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	8.5	12.7
92	90.1	95.7	143.5#

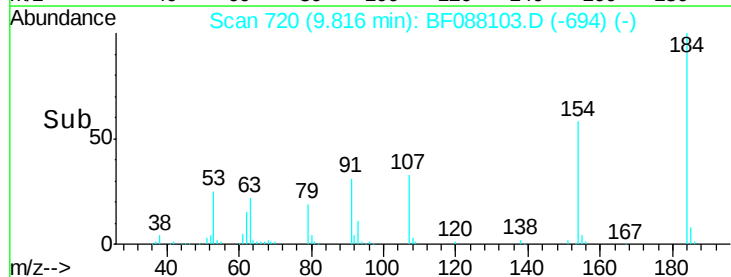
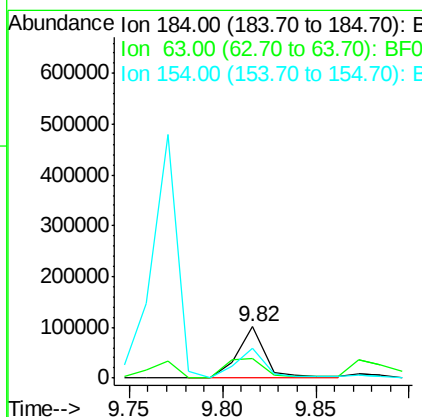
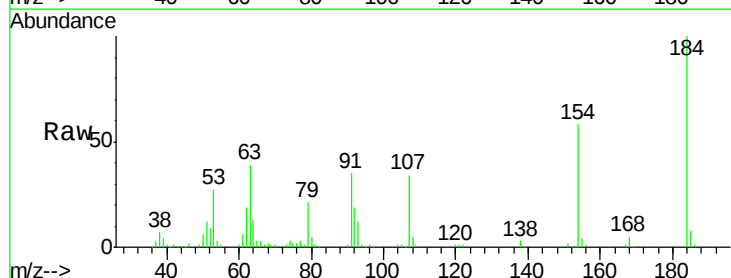
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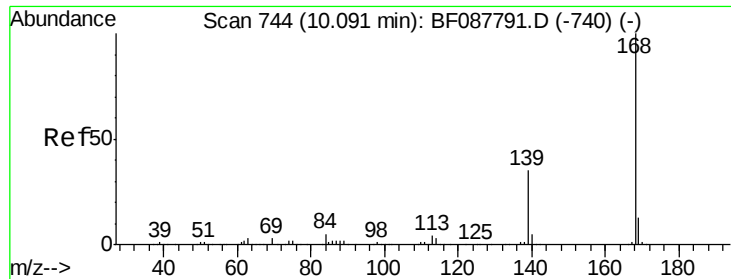
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#53
 2,4-Dinitrophenol
 Concen: 58.61 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.1	57.6	86.4#
154	57.6	53.5	80.3





#54

Dibenzenofuran

Concen: 30.88 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

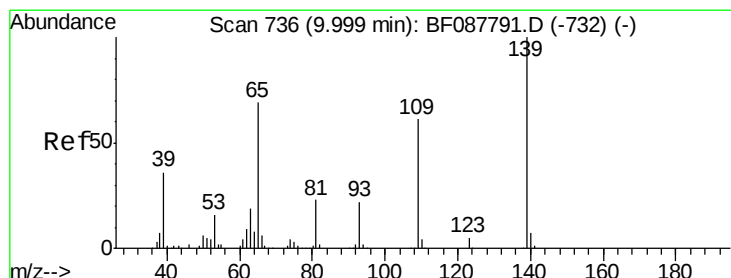
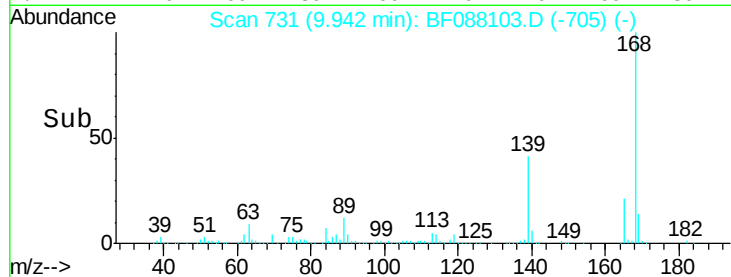
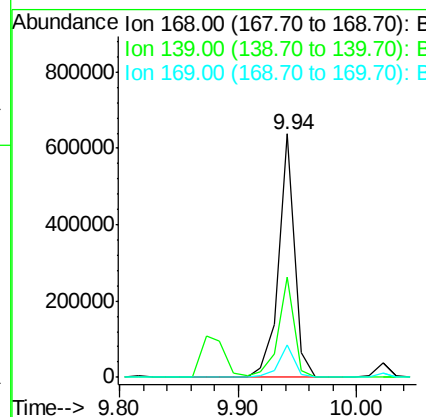
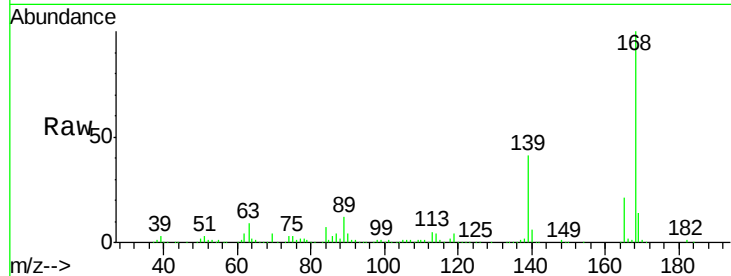
ClientSampleId :

PB91310BSD

Tot Ion:168	Resp:	598366
Ion Ratio	Lower	Upper
168	100	
139	41.2	26.4 39.6#
169	13.6	10.4 15.6

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#55

4-Nitrophenol

Concen: 46.04 ng

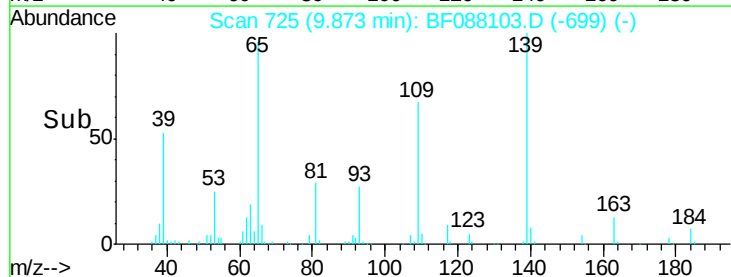
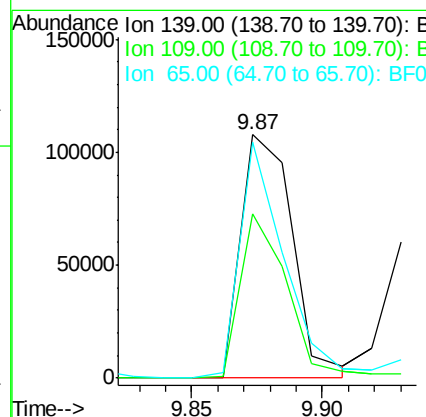
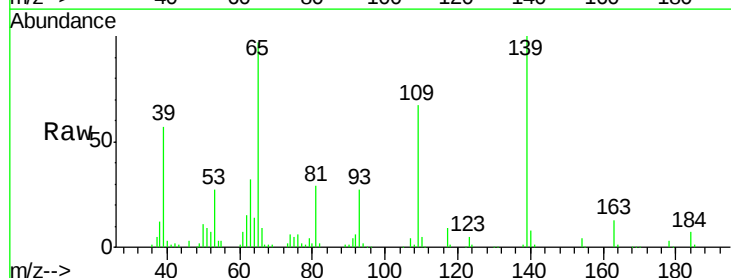
RT: 9.87 min Scan# 725

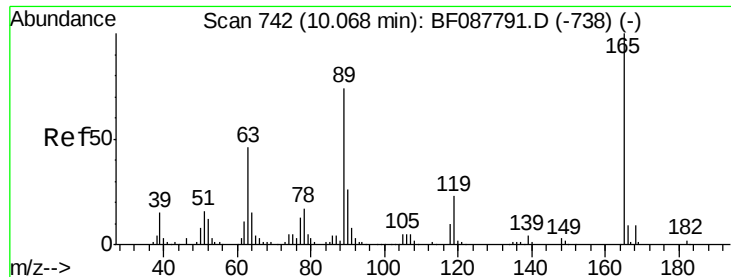
Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:139	Resp:	149897
Ion Ratio	Lower	Upper
139	100	
109	67.3	48.9 88.9
65	97.1	84.9 124.9





#56

2,4-Dinitrotoluene

Concen: 34.98 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

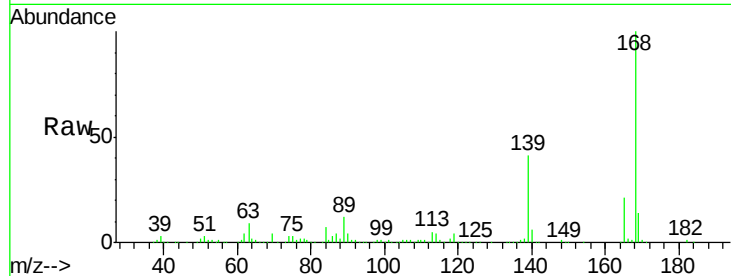
ClientSampleId :

PB91310BSD

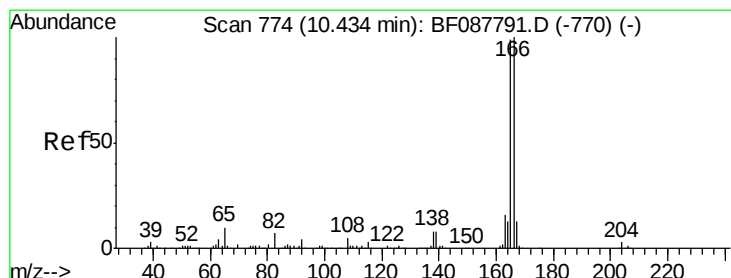
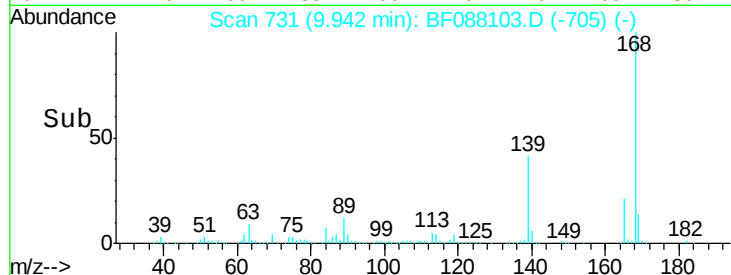
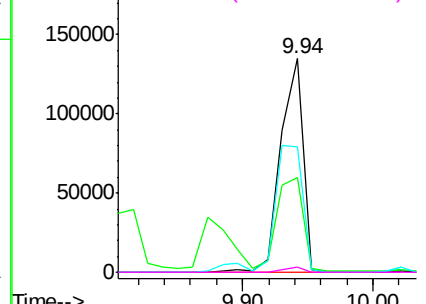
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		163446		
63	44.6	22.0	33.0#		
89	58.6	41.1	61.7		
182	2.5	2.0	3.0		

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Abundance Ion 165.00 (164.70 to 165.70): E



#57

Fluorene

Concen: 38.71 ng

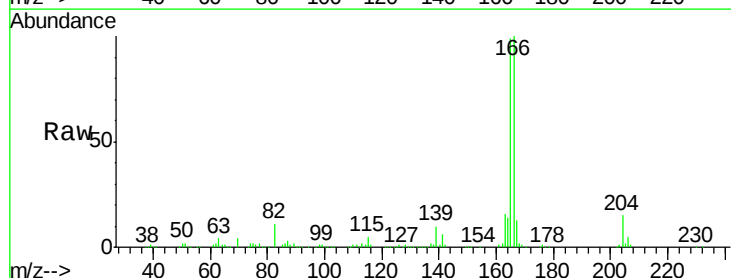
RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

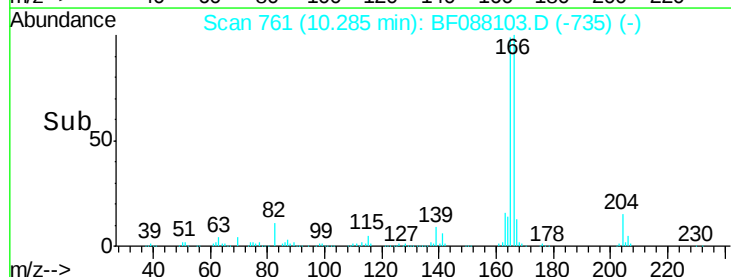
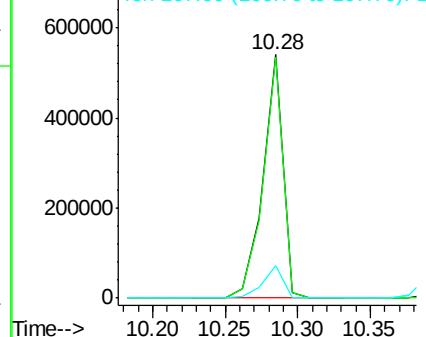
Lab File: BF088103.D

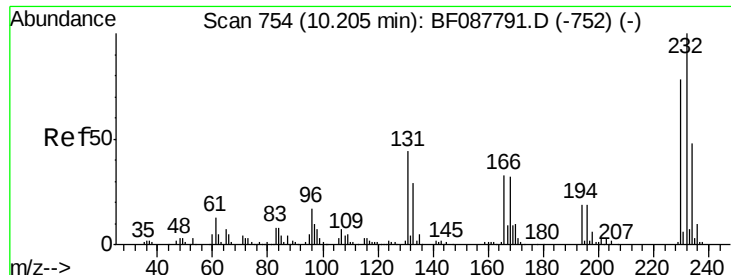
Acq: 17 Jun 2016 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		515775		
165	98.8	77.8	116.8		
167	13.4	11.2	16.8		



Abundance Ion 166.00 (165.70 to 166.70): E





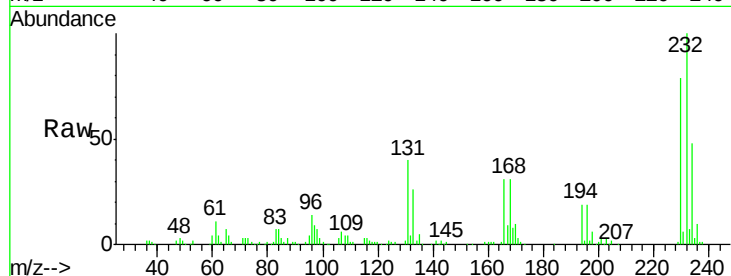
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.65 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	127747		
131	46.7	0.9	1.3#	
130	2.2	1.5	2.3	
166	31.7	0.5	0.7#	

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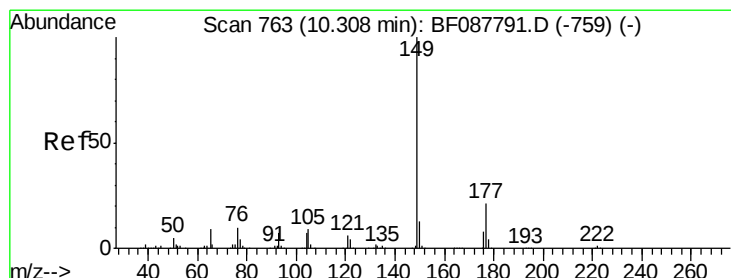
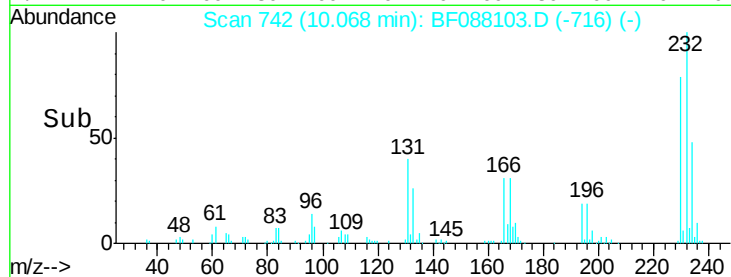
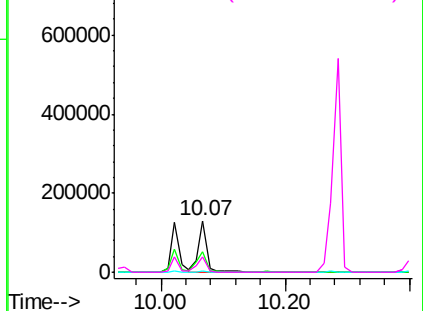
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

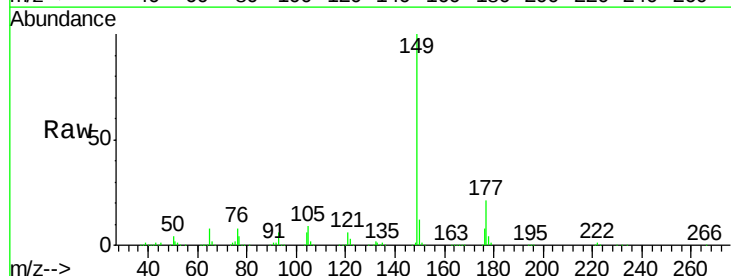
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 36.51 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	586765		
177	21.3	16.9	25.3	
150	12.4	10.1	15.1	

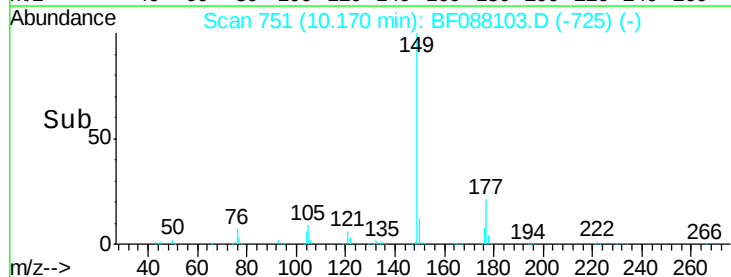
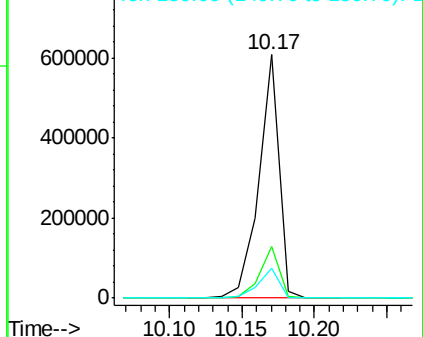


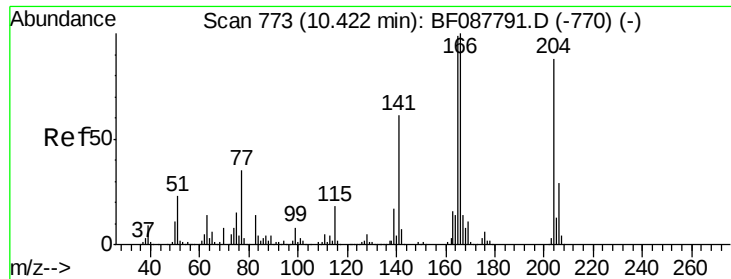
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





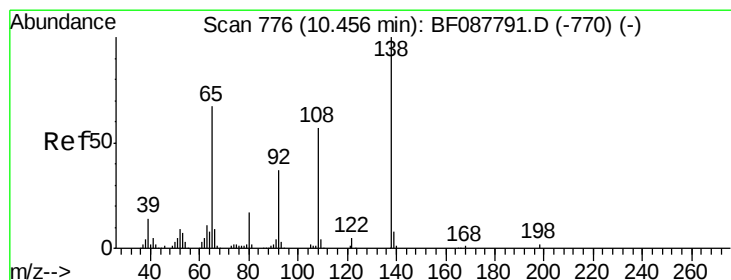
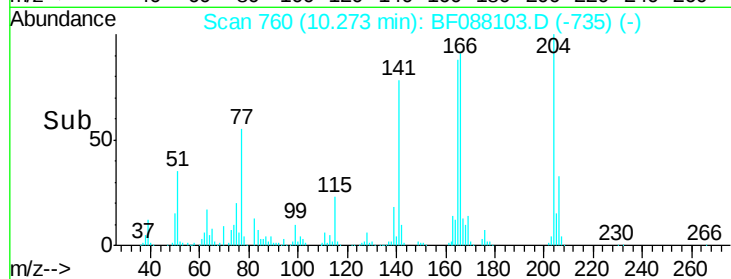
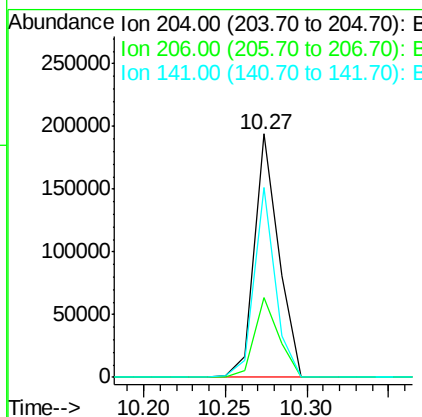
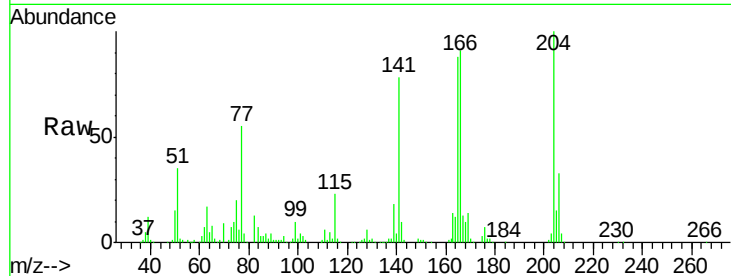
#60
4-Chlorophenyl-phenylether
Concen: 31.20 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampled :
PB91310BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	77.9	55.0	82.6

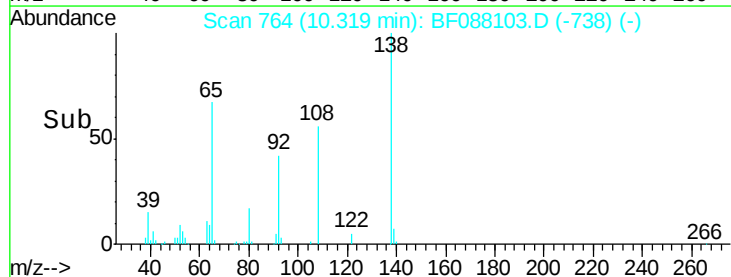
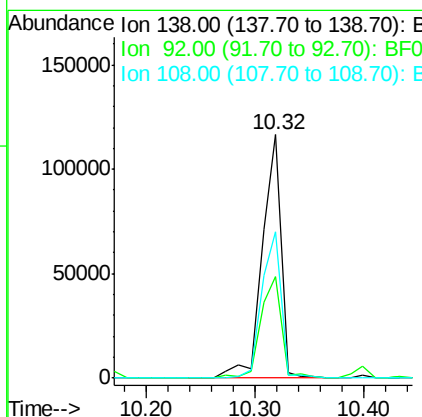
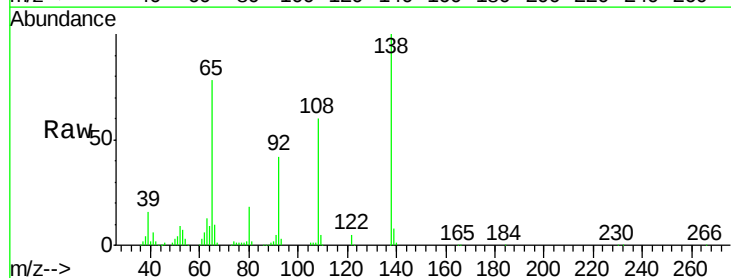
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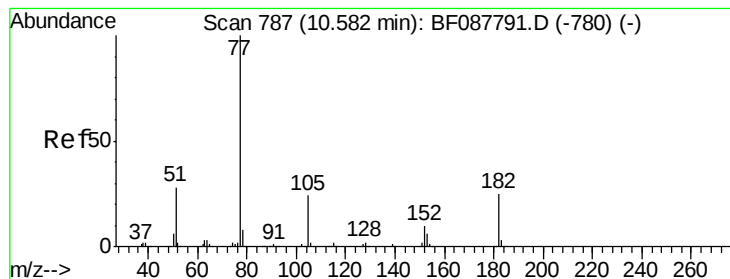
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#61
4-Nitroaniline
Concen: 35.68 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.5	27.3	67.3
108	60.3	46.7	86.7





#62

Azobenzene

Concen: 33.37 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

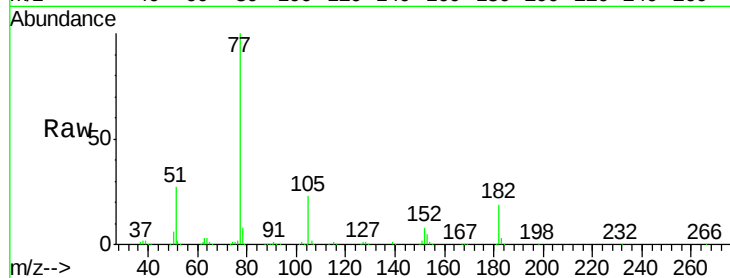
ClientSampleId :

PB91310BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	19.3	4.4	44.4
105	22.8	3.8	43.8
51	26.8	9.3	49.3

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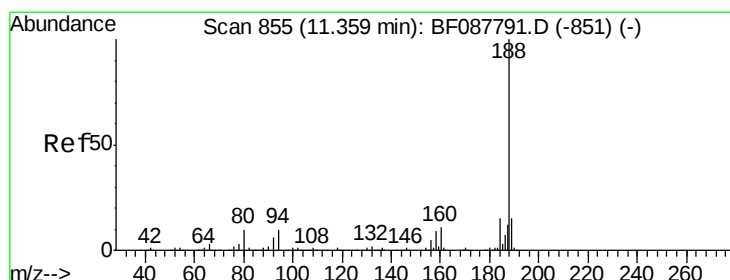
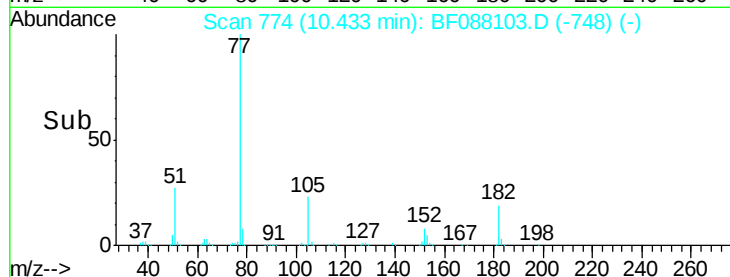
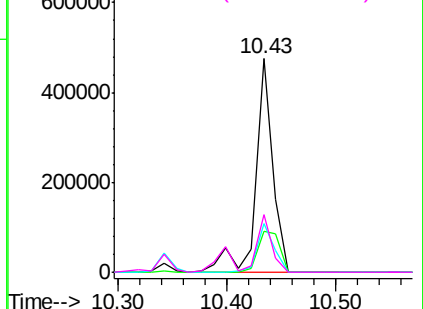


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

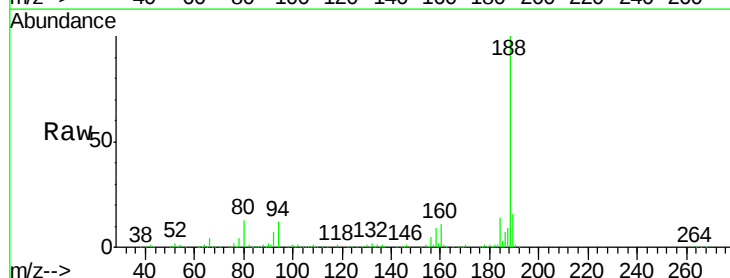
RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

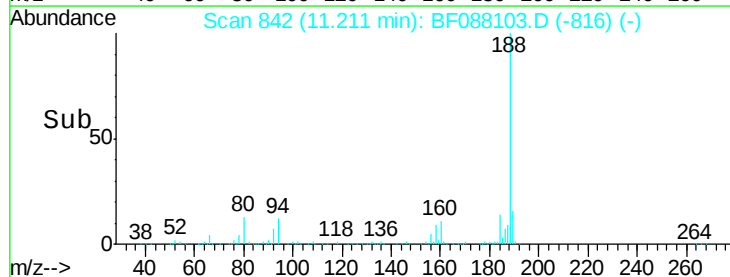
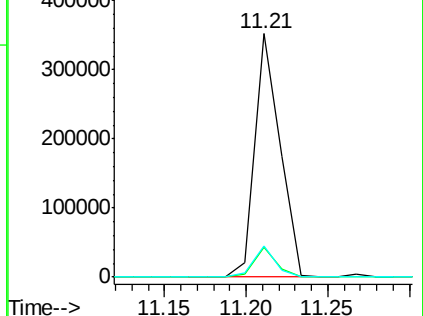
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.0	13.6
80	12.9	10.0	15.0

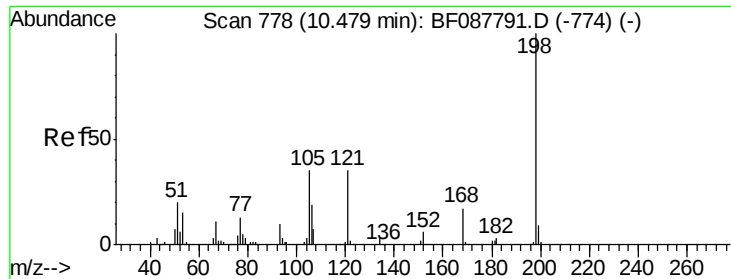


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





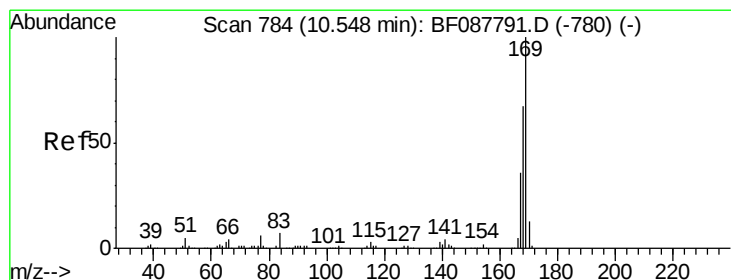
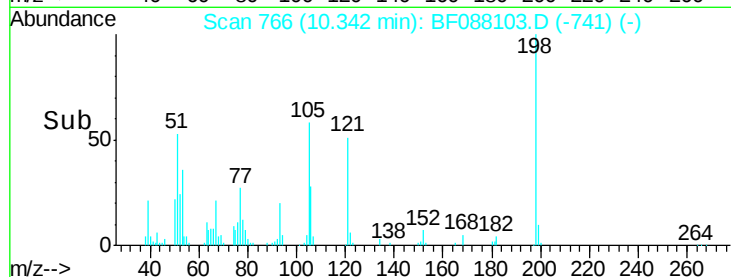
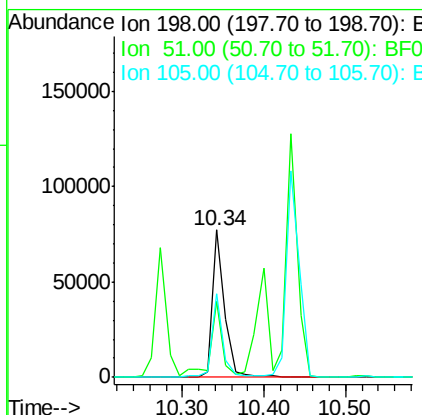
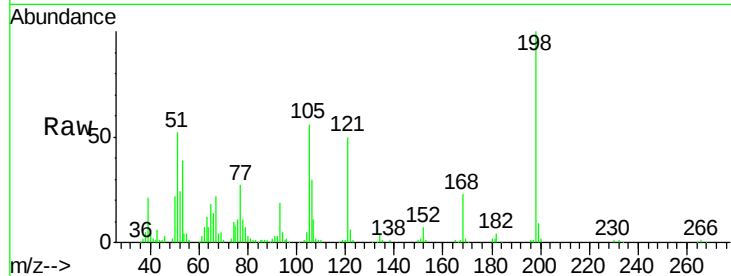
#64
4,6-Dinitro-2-methylphenol
Concen: 35.38 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	81969		
51	51.8	39.6	79.6	
105	56.3	36.6	76.6	

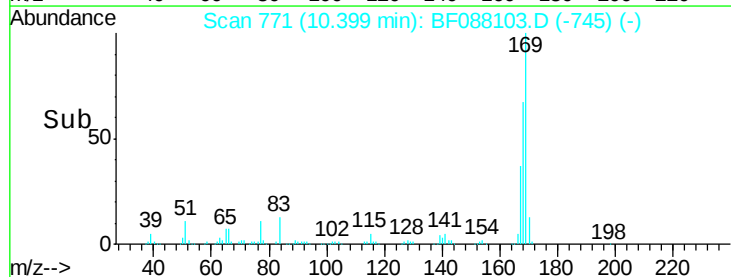
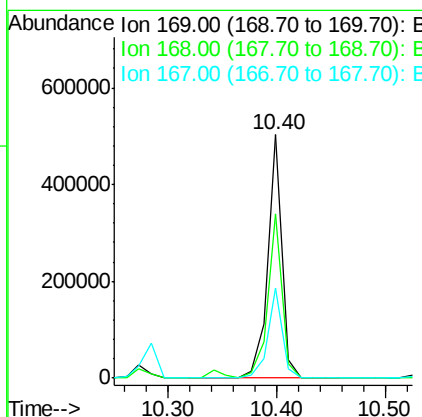
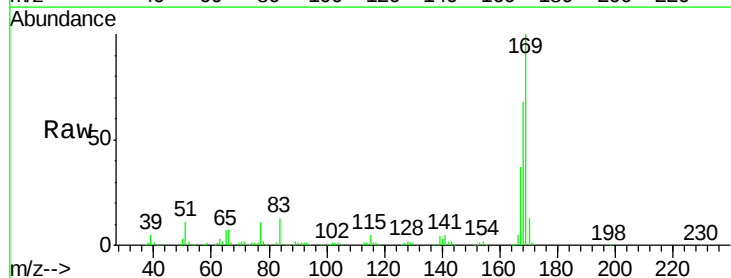
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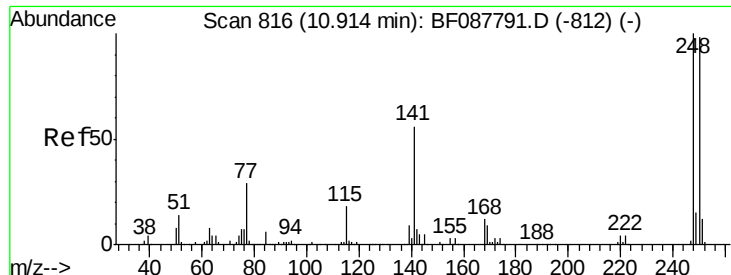
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#65
n-Nitrosodiphenylamine
Concen: 36.82 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	461180		
168	67.7	53.4	80.0	
167	36.9	29.4	44.0	





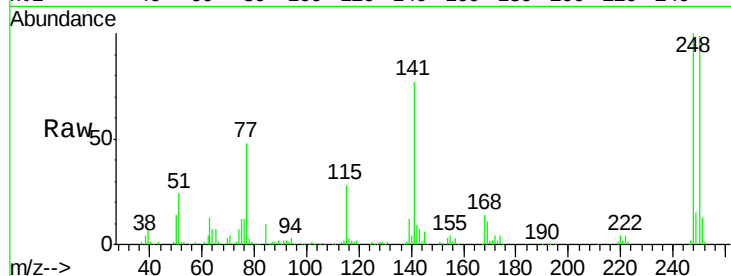
#66
 4-Bromophenyl-phenylether
 Concen: 36.67 ng
 RT: 10.76 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

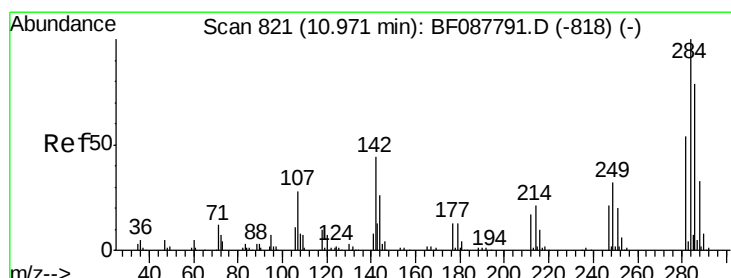
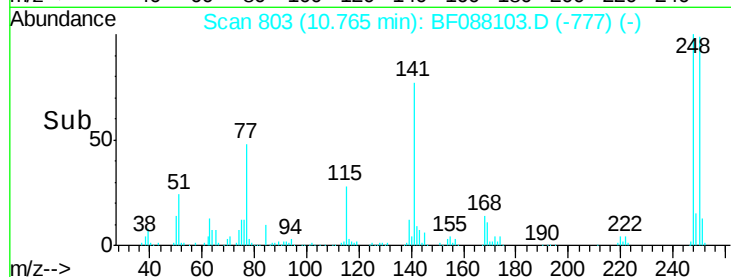
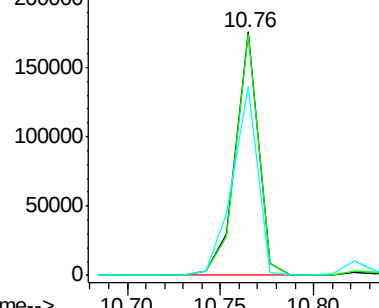
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.1	115.7
141	77.4	50.6	76.0

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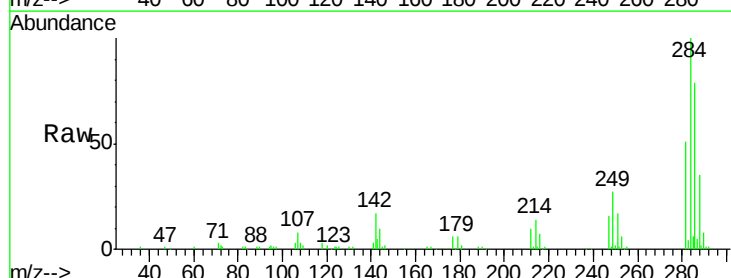


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

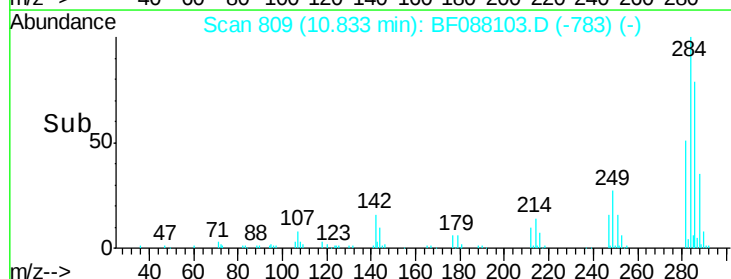
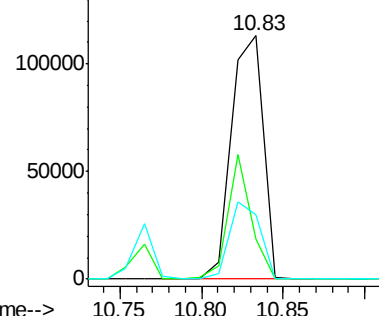


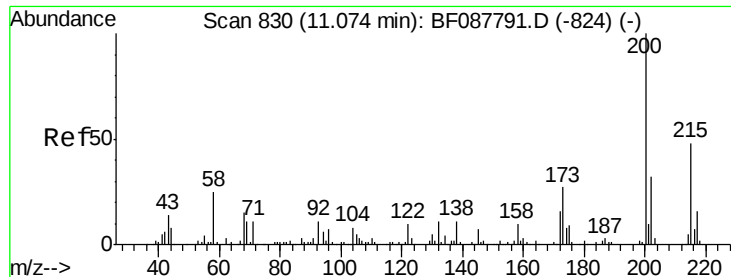
#67
 Hexachlorobenzene
 Concen: 36.51 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	16.6	35.8	53.8
249	26.5	25.8	38.6



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





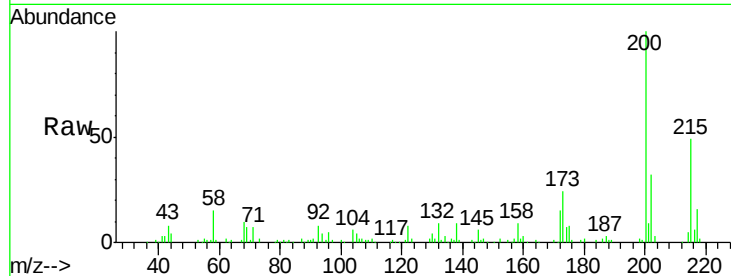
#68
Atrazine
Concen: 36.01 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

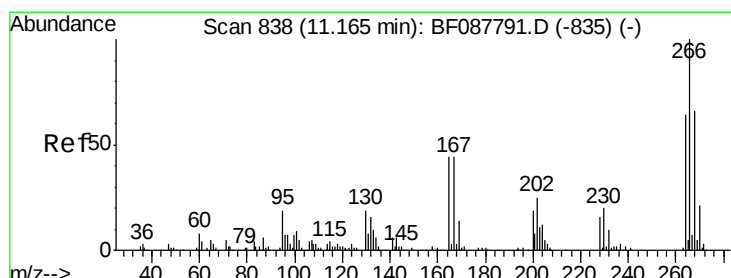
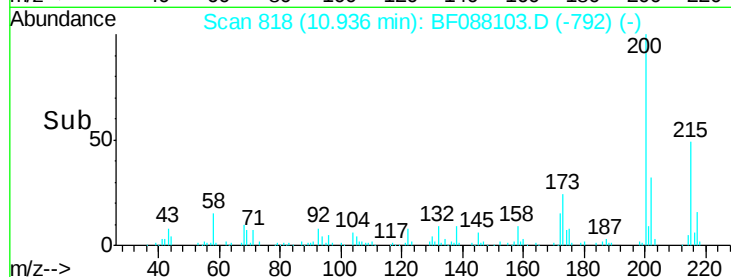
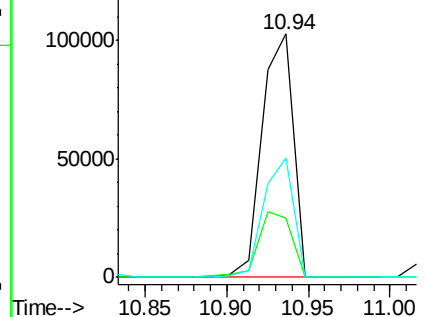
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.4	4.0	44.0
215	49.1	29.3	69.3

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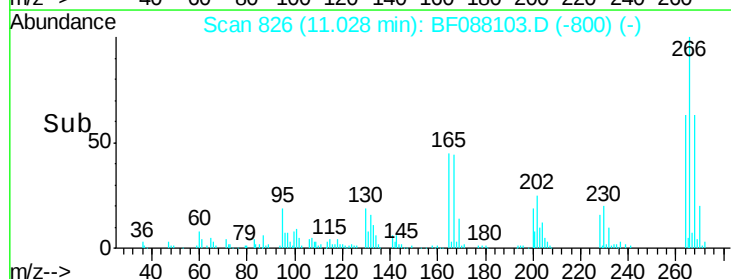
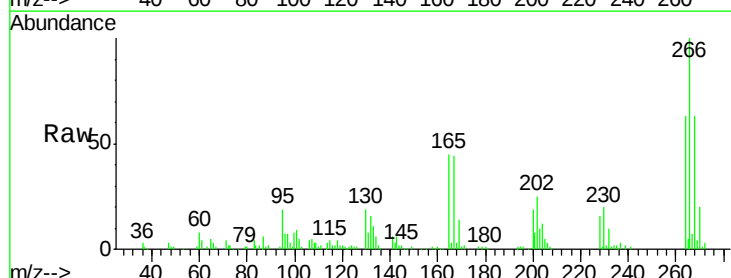
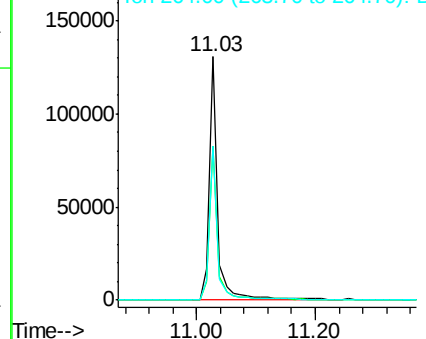
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

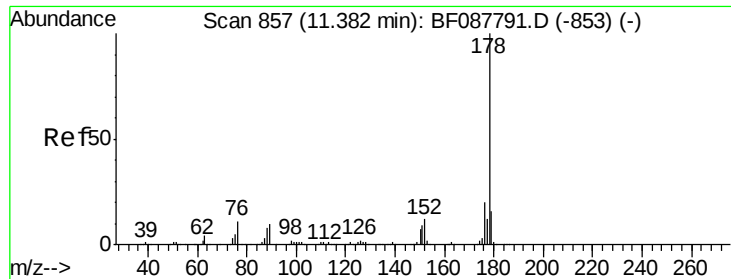


#69
Pentachlorophenol
Concen: 60.64 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	52.8	79.2
264	63.1	49.6	74.4

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





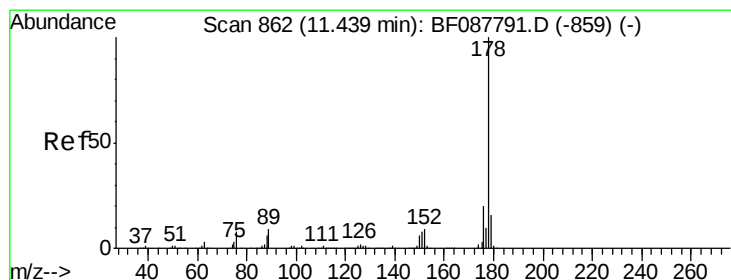
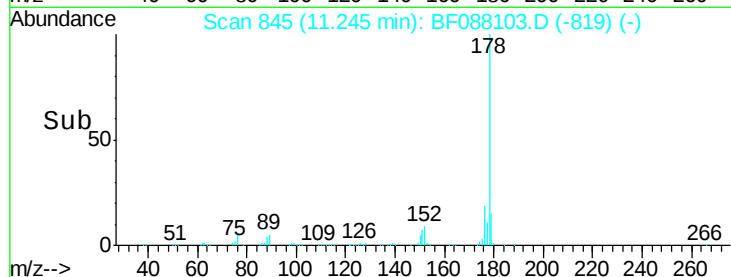
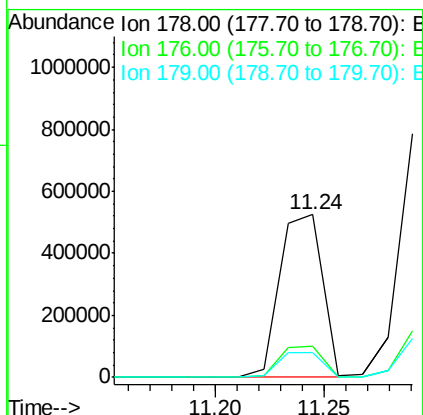
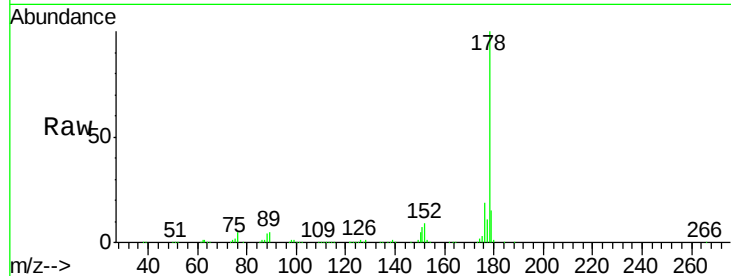
#70
Phenanthrene
Concen: 36.59 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.3	13.0	19.4

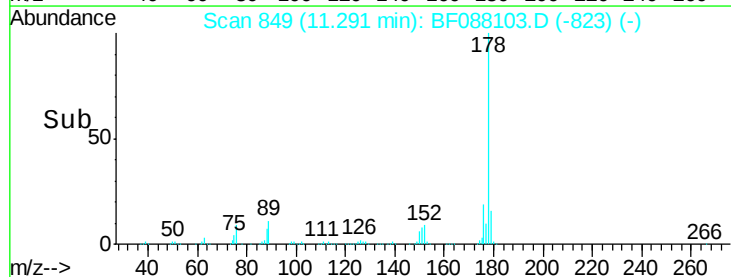
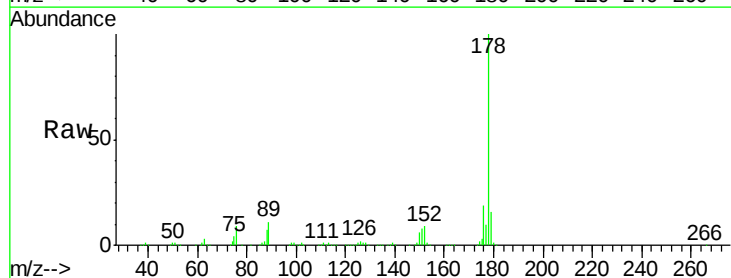
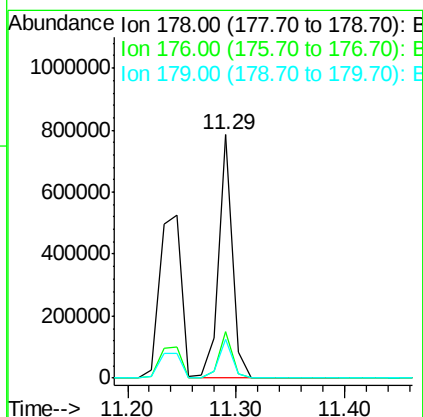
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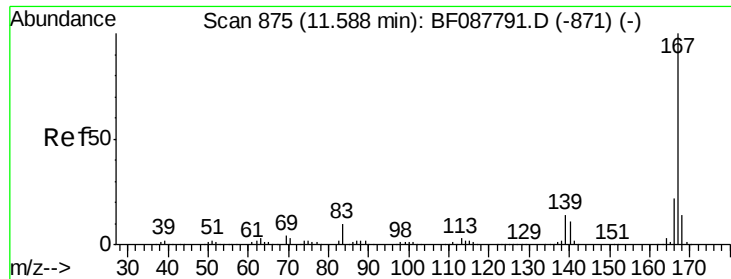
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#71
Anthracene
Concen: 34.79 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.9	12.8	19.2





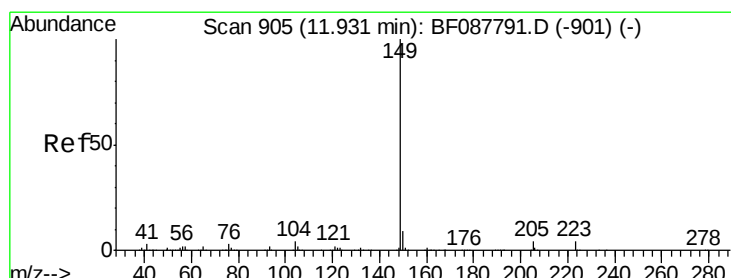
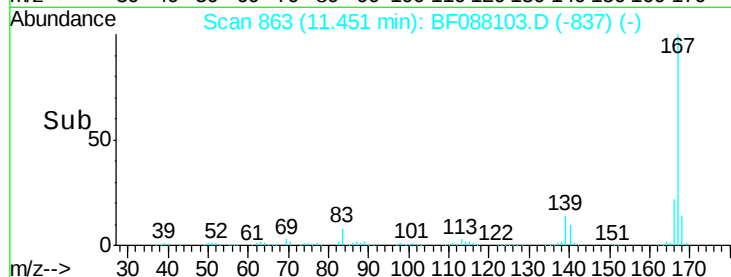
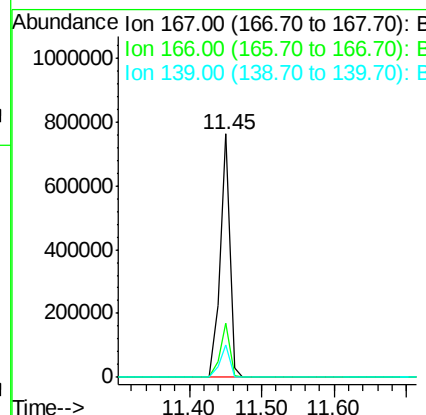
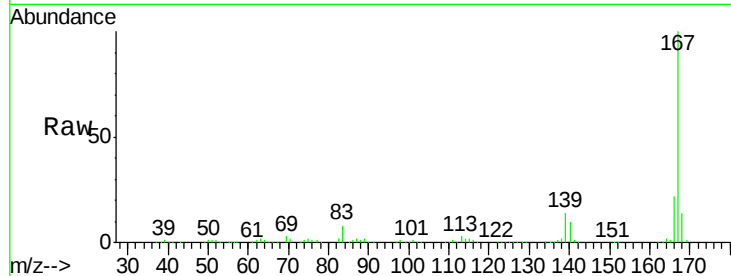
#72
 Carbazole
 Concen: 37.82 ng
 RT: 11.45 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.5	11.2	16.8

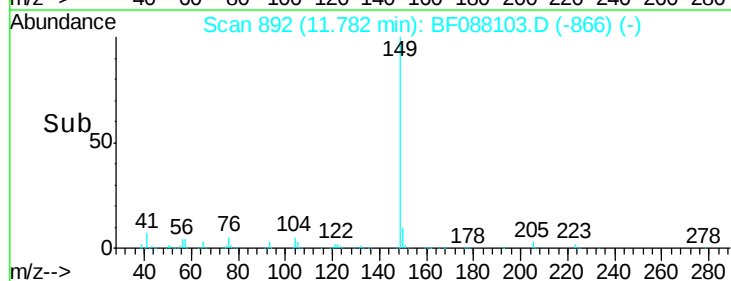
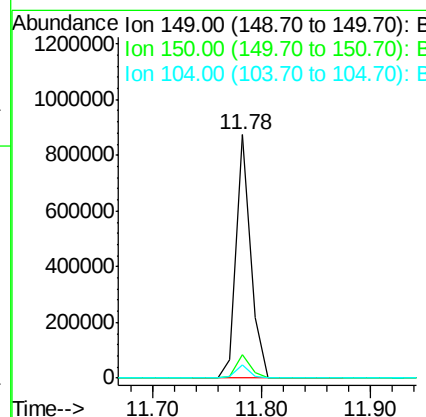
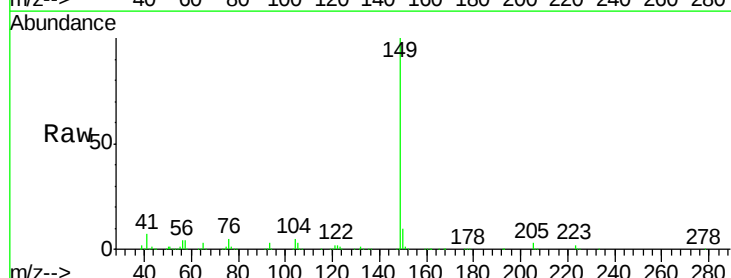
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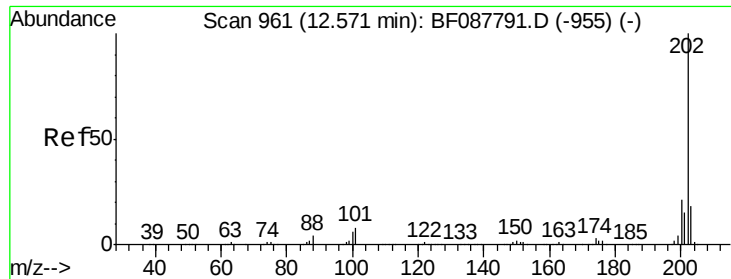
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#73
 Di-n-butylphthalate
 Concen: 33.66 ng
 RT: 11.78 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	4.0	6.0





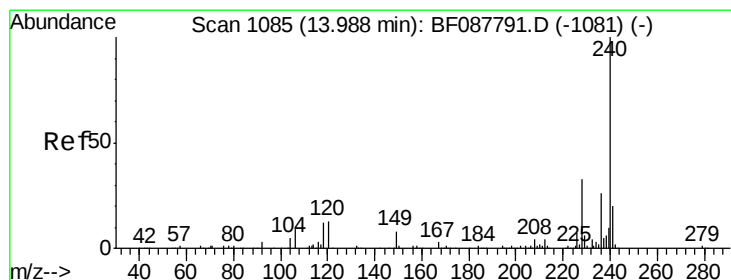
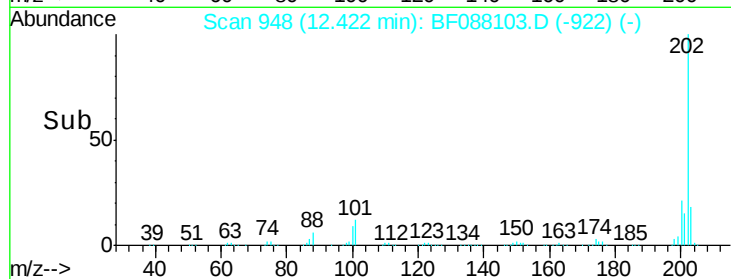
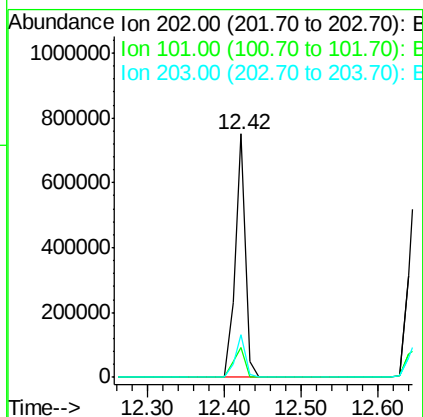
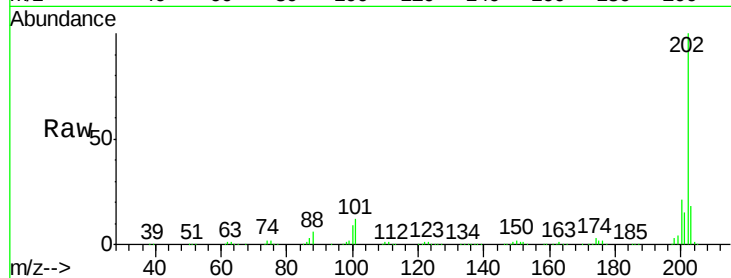
#74
Fluoranthene
 Concen: 34.10 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91310BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	33.1
203	17.7	0.0	38.1

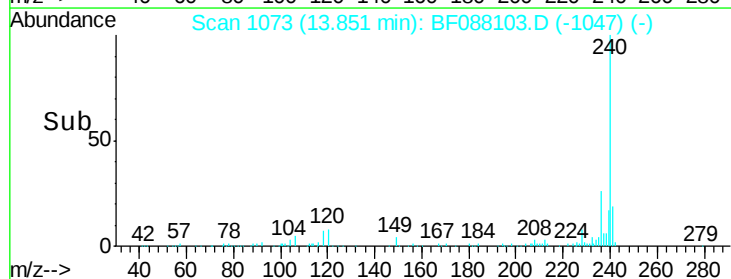
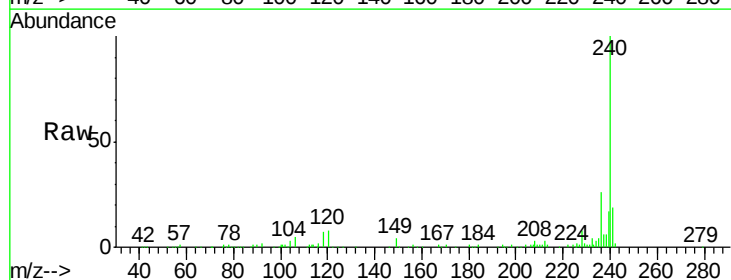
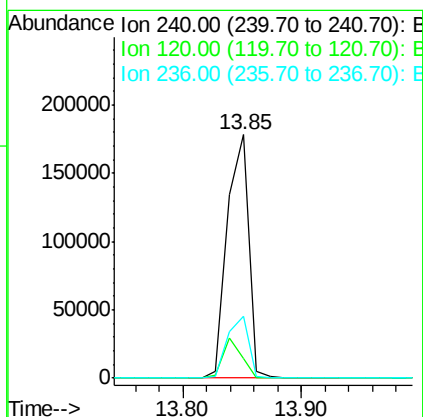
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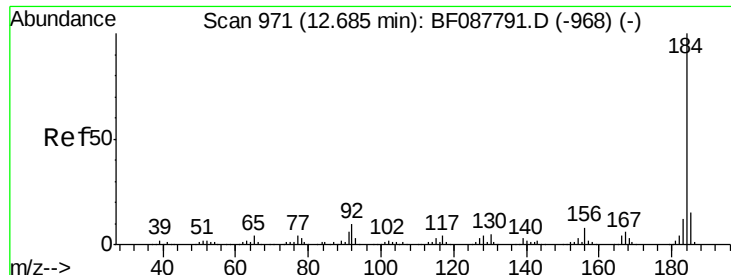
sohil
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF088103.D
 Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.8	6.8	10.2
236	25.5	20.2	30.2





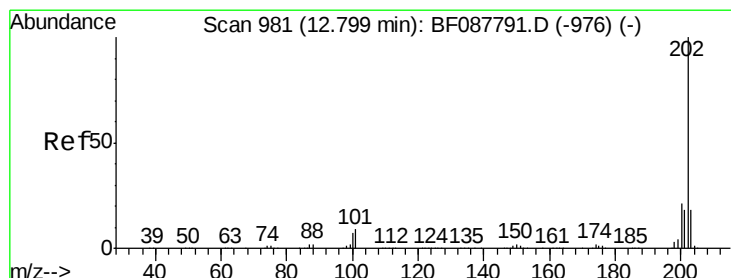
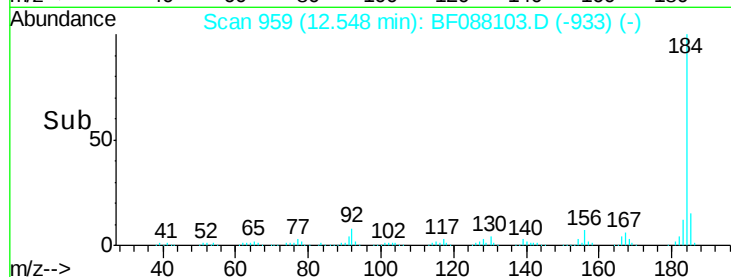
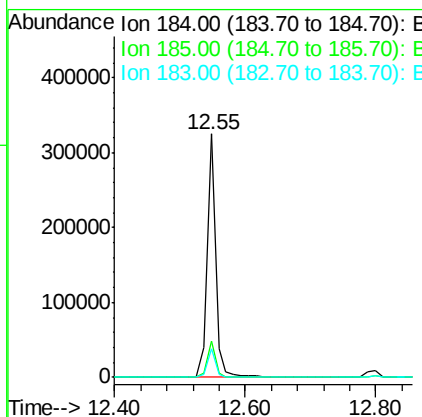
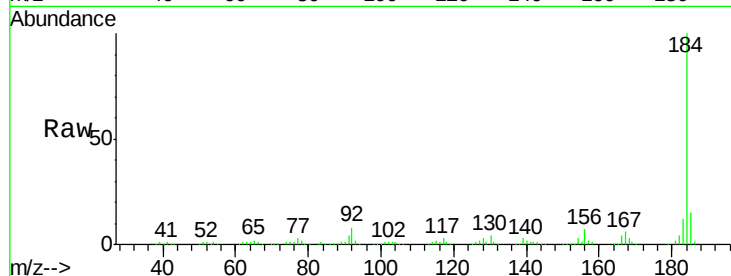
#76
Benzidine
Concen: 47.41 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	12.5	18.7	
183	11.6	9.3	13.9	

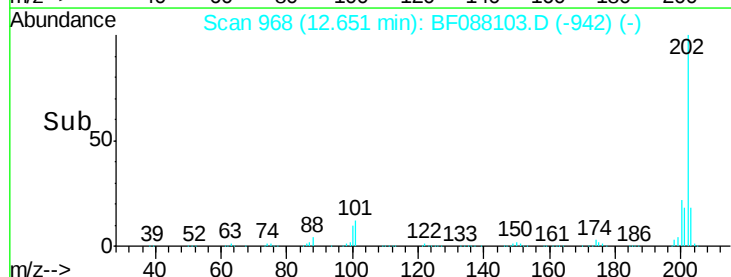
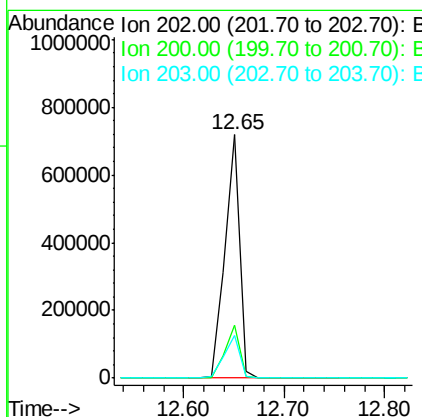
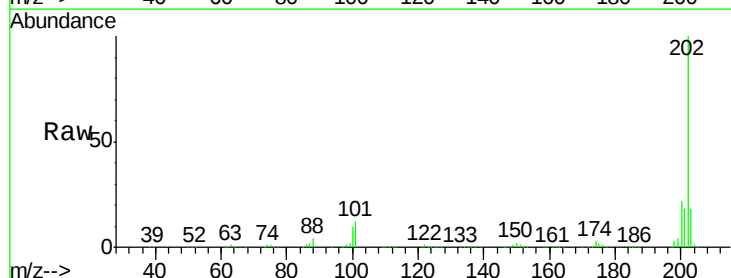
Manual Integrations
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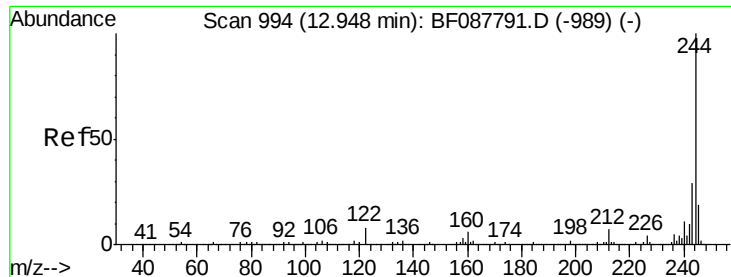
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#77
Pyrene
Concen: 44.13 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.5	17.4	26.2	
203	17.6	14.5	21.7	





#78

Terphenyl-d14

Concen: 79.97 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

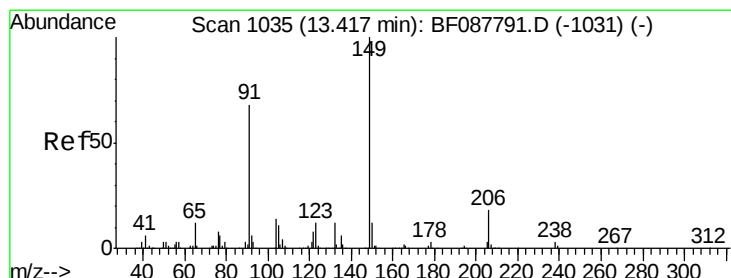
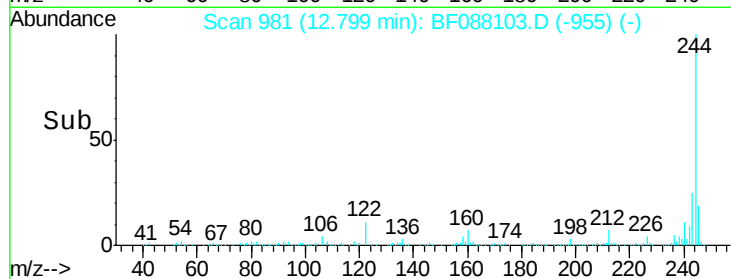
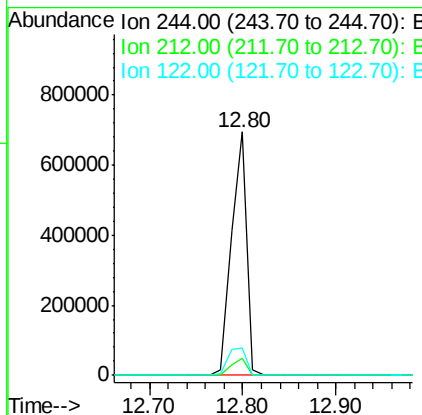
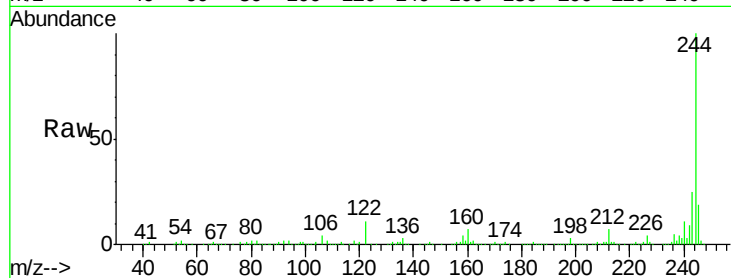
ClientSampleId :

PB91310BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	11.0	11.2	16.8	

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#79

Butylbenzylphthalate

Concen: 47.32 ng

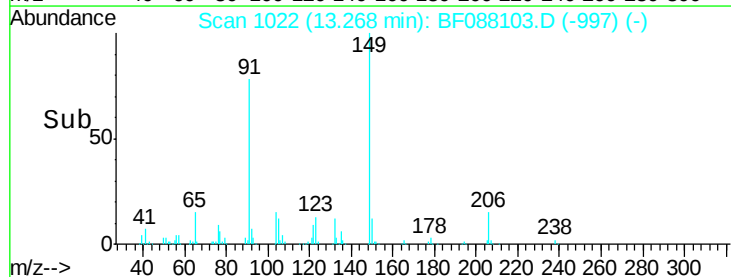
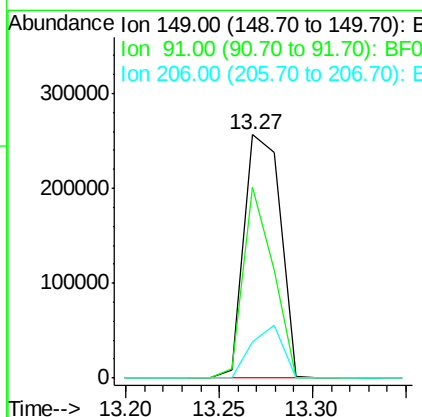
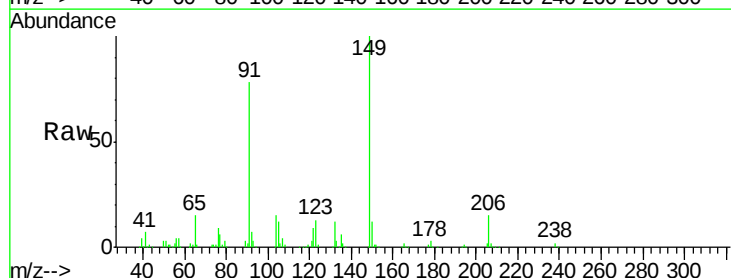
RT: 13.27 min Scan# 1022

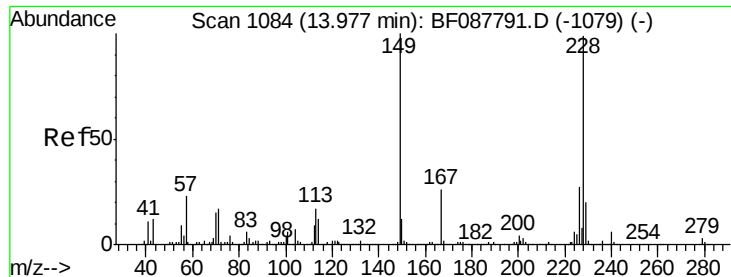
Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	78.4	48.0	72.0	
206	15.1	16.0	24.0	





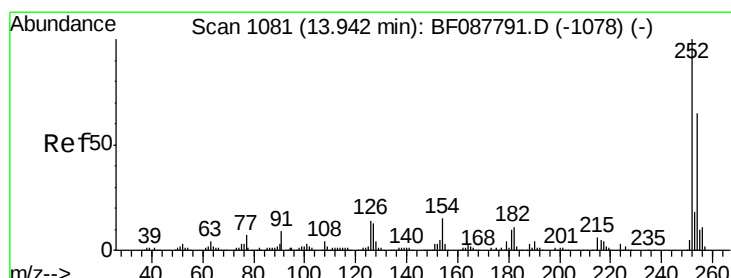
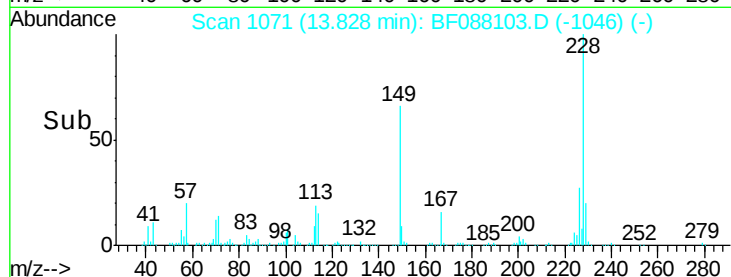
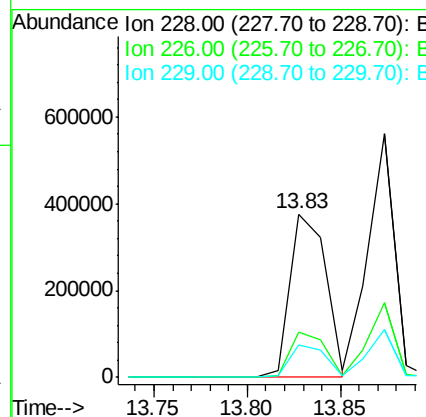
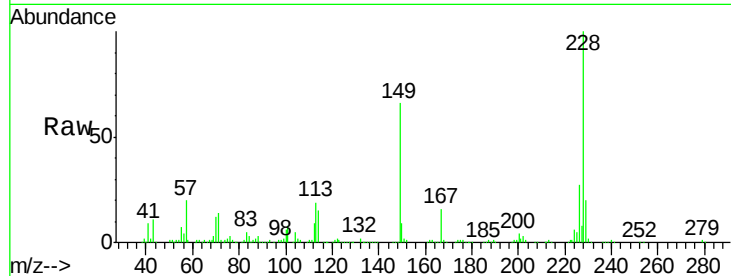
#80
Benzo(a)anthracene
Concen: 39.29 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.0	16.0	24.0

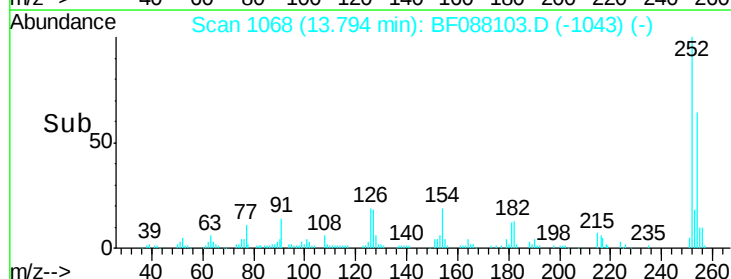
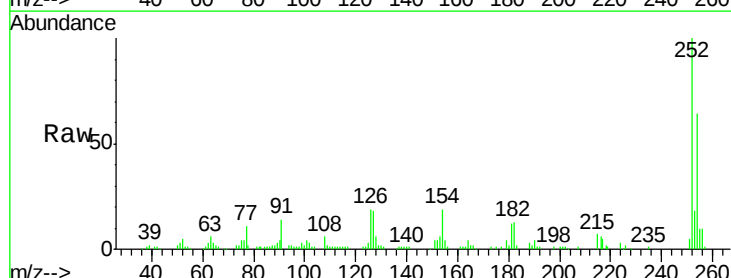
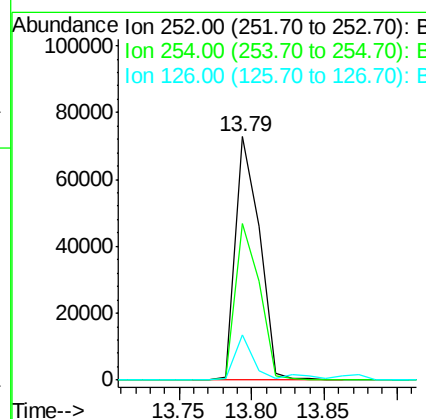
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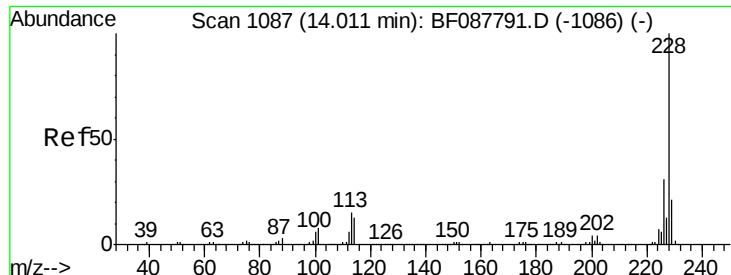
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#81
3,3'-Dichlorobenzidine
Concen: 24.63 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	18.7	6.2	9.2#





#82

Chrysene

Concen: 46.66 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

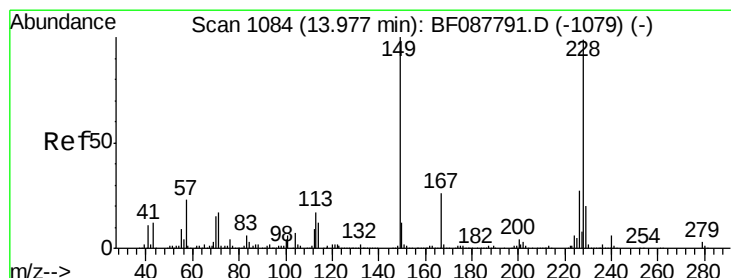
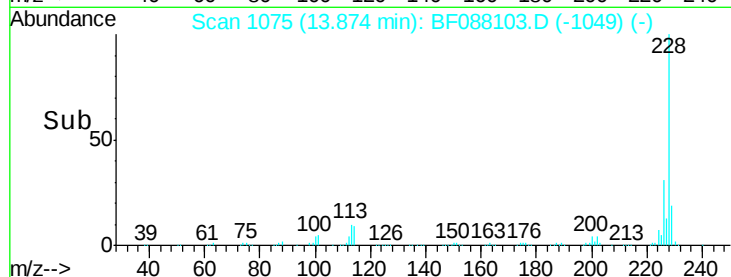
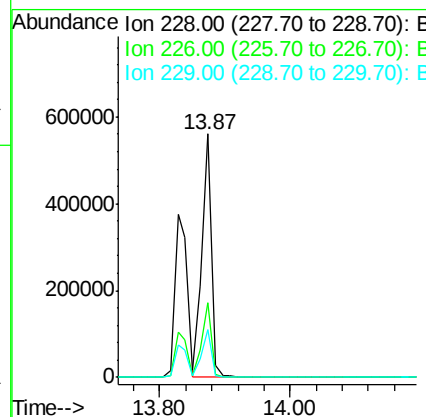
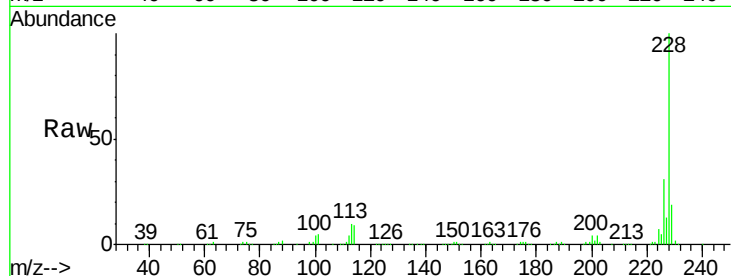
ClientSampleId :

PB91310BSD

Tot Ion:	228	Resp:	558339
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.4	38.2
229	19.4	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 46.60 ng

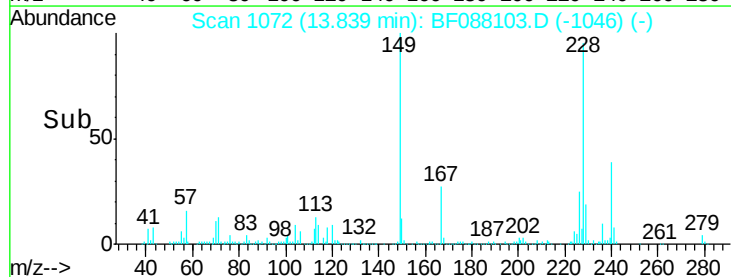
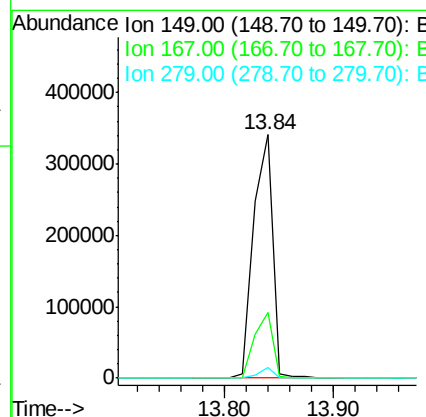
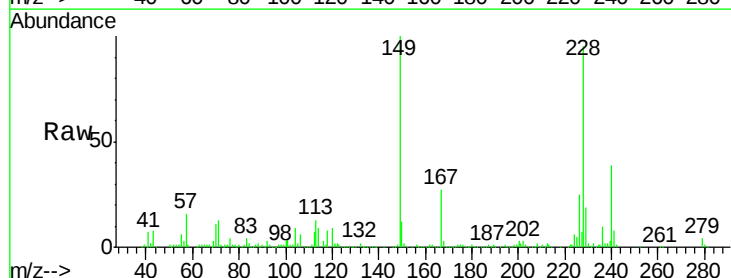
RT: 13.84 min Scan# 1072

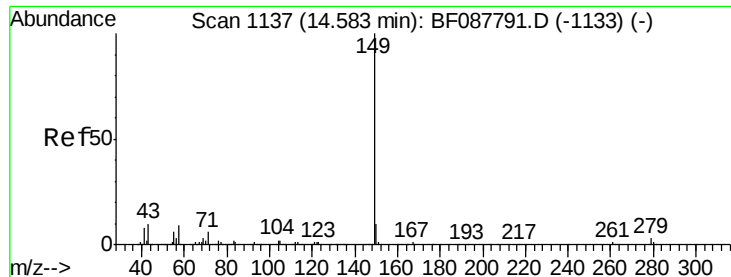
Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	149	Resp:	415368
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.5	30.7
279	4.2	2.0	3.0#





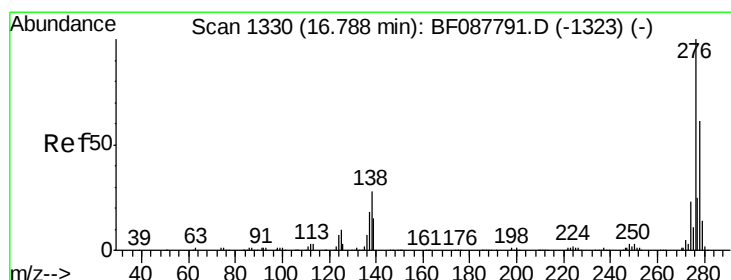
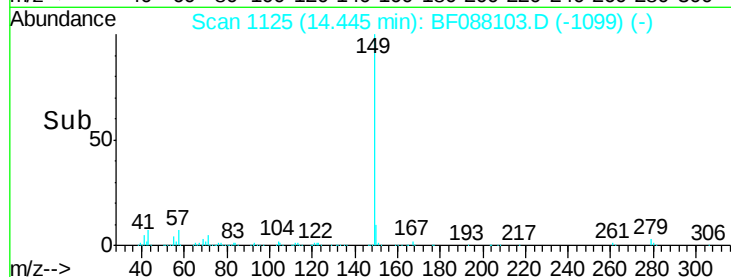
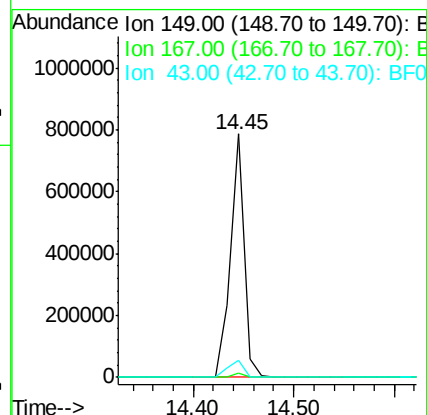
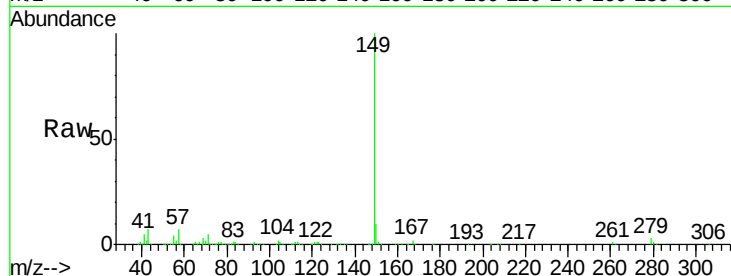
#84
Di-n-octyl phthalate
Concen: 51.57 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampled :
PB91310BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.1	0.0	0.0#

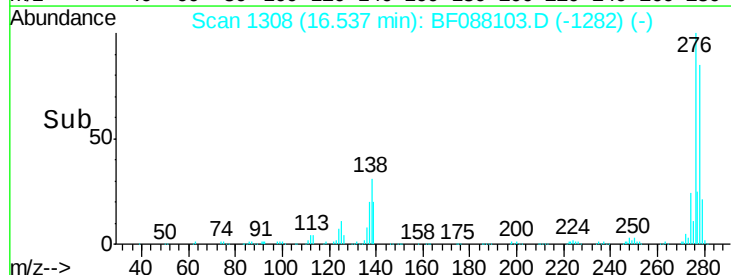
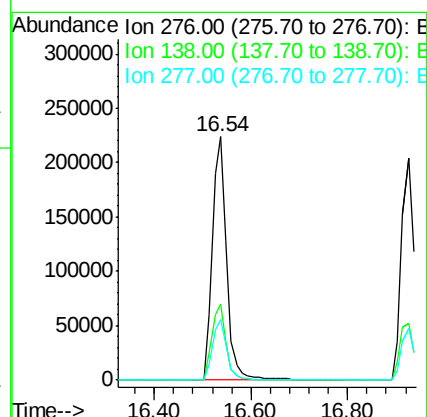
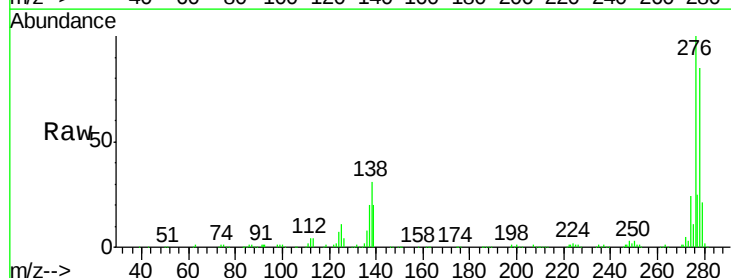
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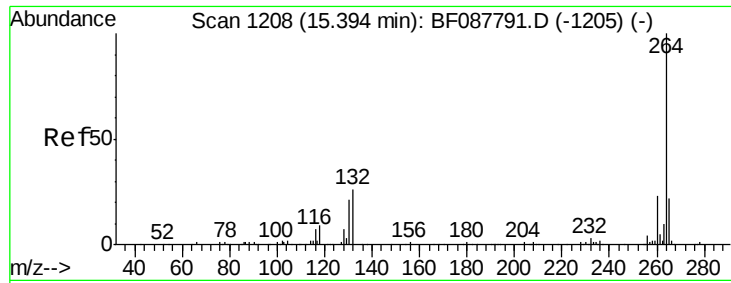
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#85
Indeno(1,2,3-cd)pyrene
Concen: 41.87 ng
RT: 16.54 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.5	0.0	0.0#
277	24.9	0.0	0.0#





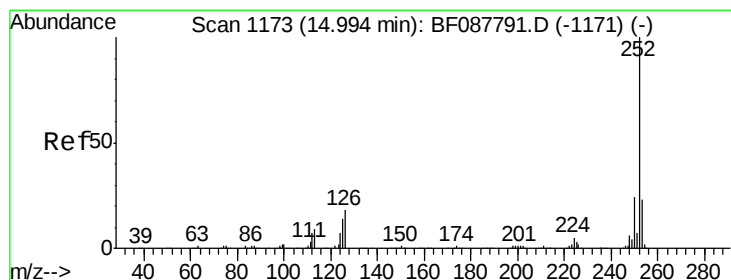
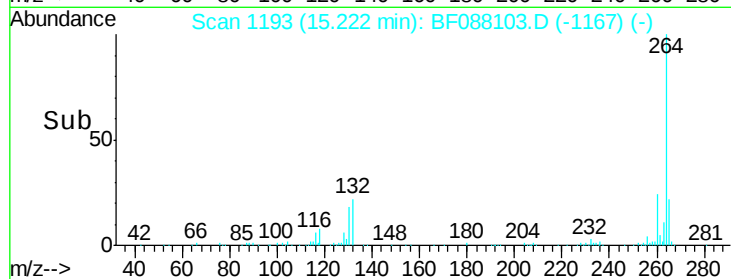
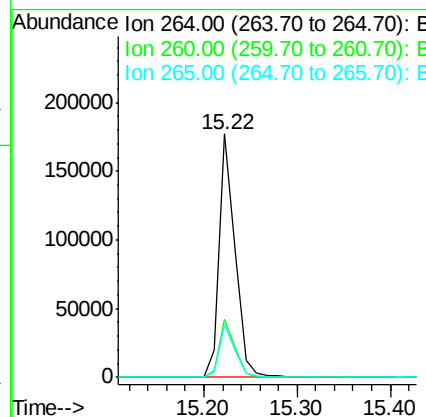
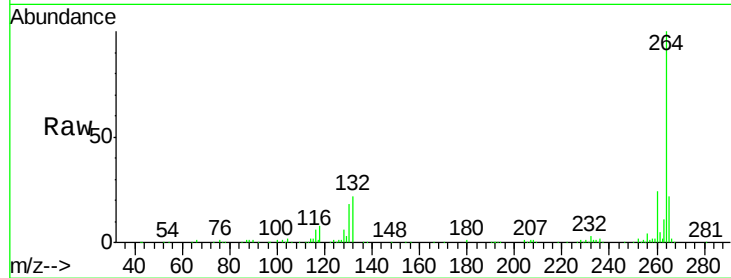
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Tot Ion:	264	Resp:	208094
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	16.9	25.3

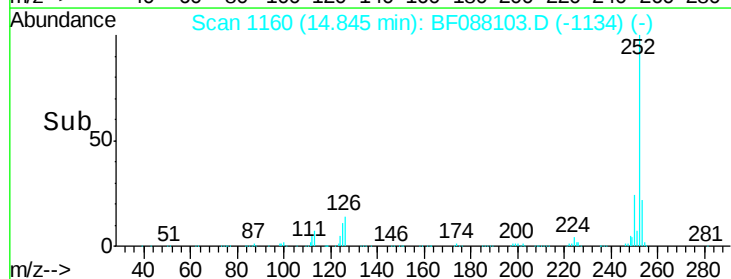
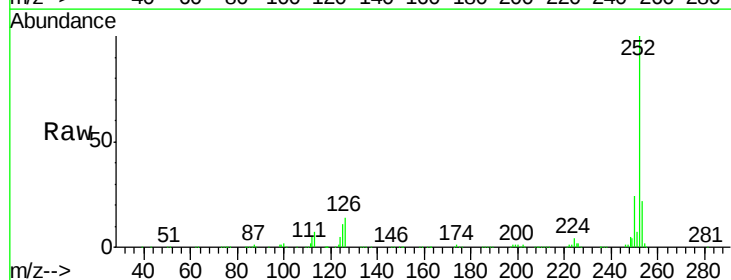
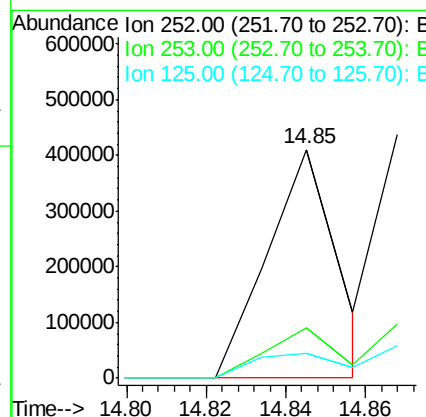
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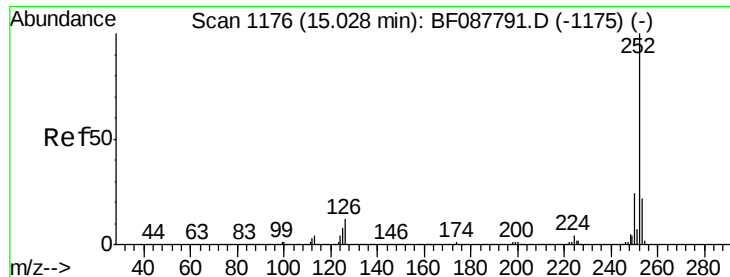
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#87
Benzo(b)fluoranthene
Concen: 34.31 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF088103.D
Acq: 17 Jun 2016 20:04

Tgt Ion:	252	Resp:	497690
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.6	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 38.21 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

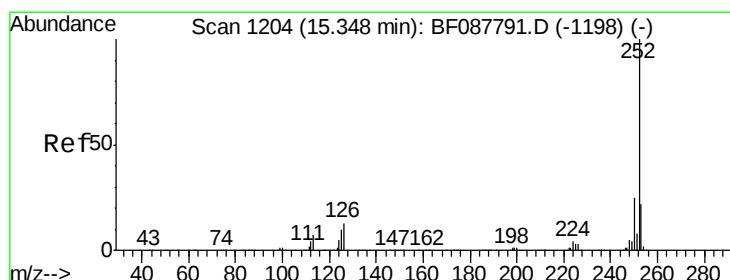
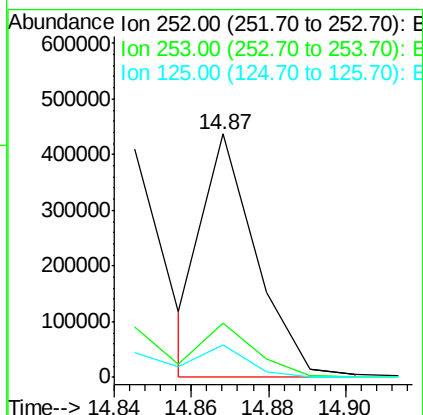
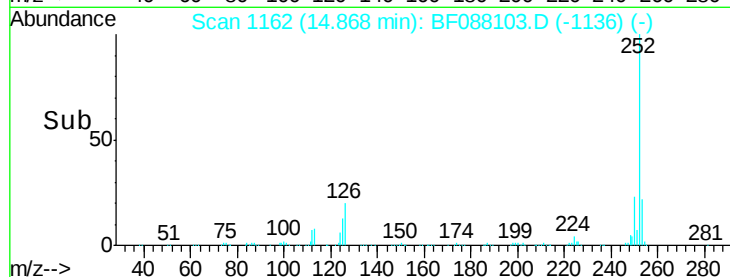
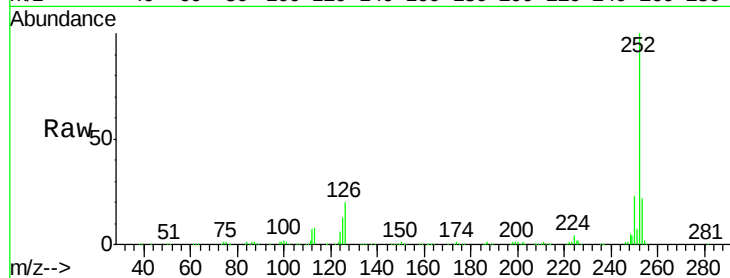
ClientSampleId :

PB91310BSD

Tot Ion:	252	Resp:	418067
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	13.5	11.2	16.8

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#89

Benzo(a)pyrene

Concen: 37.85 ng

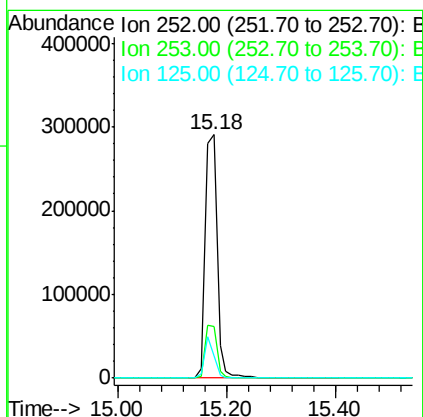
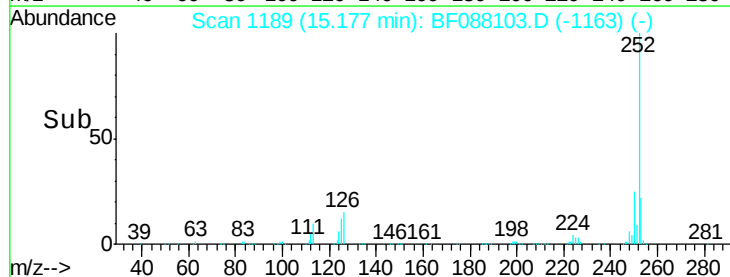
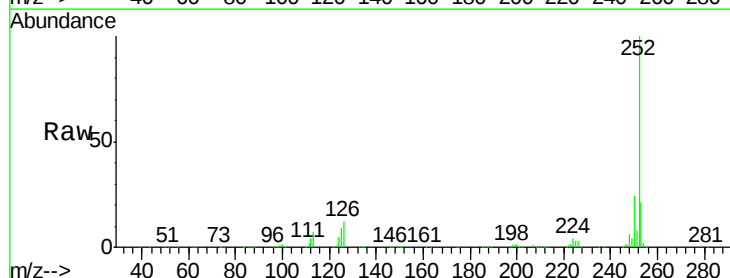
RT: 15.18 min Scan# 1189

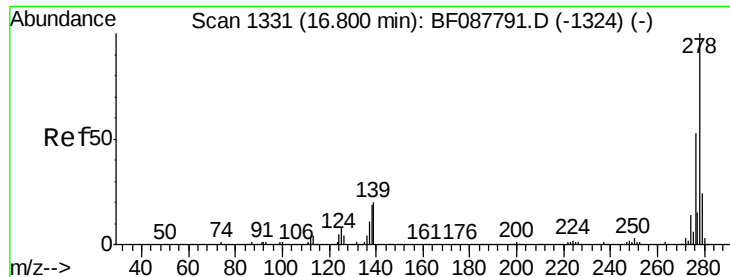
Delta R.T. -0.00 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Tgt Ion:	252	Resp:	444113
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	9.3	12.5	18.7#





#90

Dibenzo(a,h)anthracene

Concen: 35.27 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

Instrument :

BNA_F

ClientSampleId :

PB91310BSD

Tot Ion:278 Resp: 384387

Ion Ratio Lower Upper

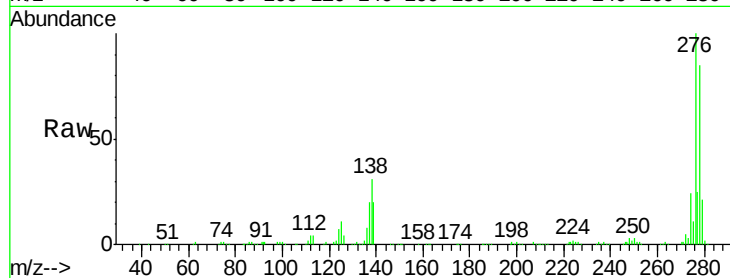
278 100

139 23.5 15.7 23.5

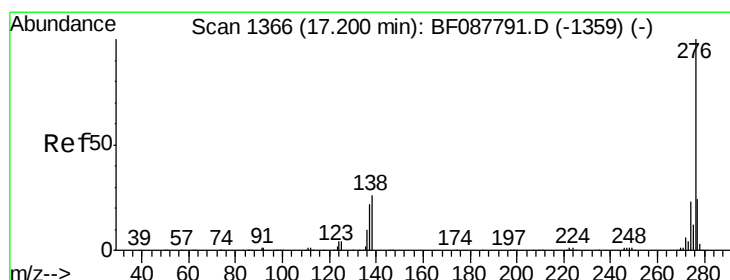
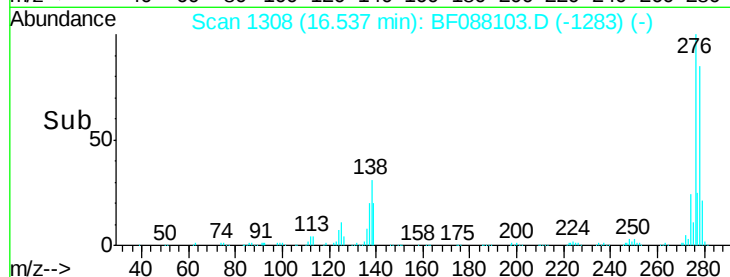
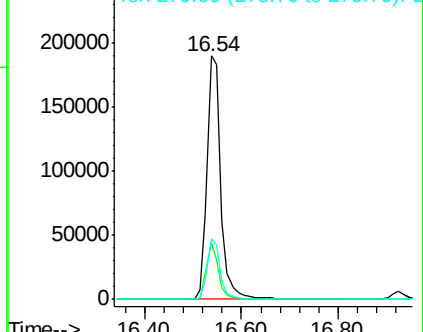
279 24.6 19.4 29.2

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.59 ng

RT: 16.93 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF088103.D

Acq: 17 Jun 2016 20:04

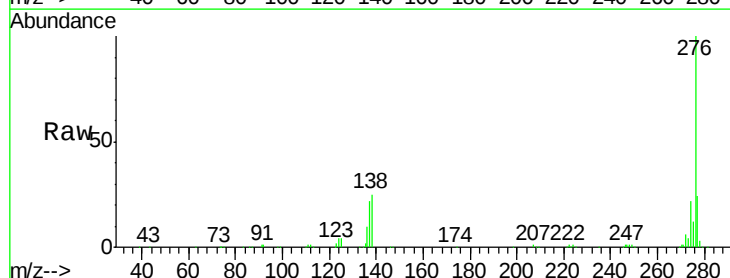
Tgt Ion:276 Resp: 410232

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 25.5 21.4 32.2



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

