

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088174.D
 Acq On : 20 Jun 2016 16:02
 Operator : UM/SJ
 Sample : PB91373BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Manual Integrations
 APPROVED

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 6/21/2016 4:21:53 PM

Quant Time: Jun 20 18:28:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	85499	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	342556	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	167870	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	306063	20.00	ng	0.00
75) Chrysene-d12	13.81	240	226367	20.00	ng	0.00
86) Perylene-d12	15.18	264	205265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	549504	109.87	ng	0.01
7) Phenol-d6	6.33	99	682033	112.53	ng	0.00
23) Nitrobenzene-d5	7.24	82	468569	79.88	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	164704	92.92	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	944433	88.62	ng	0.00
78) Terphenyl-d14	12.76	244	842744	84.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	74209	30.54	ng	# 41
3) Pyridine	2.87	79	226348	39.45	ng	92
4) n-Nitrosodimethylamine	2.82	42	94362	38.83	ng	83
6) Aniline	6.33	93	178669	20.71	ng	# 49
8) 2-Chlorophenol	6.46	128	251811	42.54	ng	94
10) Phenol	6.34	94	301042	48.29	ng	87
11) bis(2-Chloroethyl)ether	6.41	93	215126	40.48	ng	93
12) 1,3-Dichlorobenzene	6.60	146	255675	40.26	ng	98
13) 1,4-Dichlorobenzene	6.68	146	264461	41.33	ng	99
14) 1,2-Dichlorobenzene	6.84	146	228193	39.22	ng	100
15) Benzyl Alcohol	6.82	79	170058	35.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257810	35.90	ng	70
17) 2-Methylphenol	6.95	107	201065	41.88	ng	97
18) Hexachloroethane	7.18	117	94517	41.63	ng	91
19) n-Nitroso-di-n-propylamine	7.10	70	162349	41.87	ng	# 86
20) 3+4-Methylphenols	7.11	107	269705	48.15	ng	# 75
22) Acetophenone	7.08	105	322080	42.07	ng	# 97
24) Nitrobenzene	7.26	77	227152	39.97	ng	89
25) Isophorone	7.50	82	456325	42.00	ng	98
26) 2-Nitrophenol	7.58	139	136159	44.73	ng	# 88
27) 2,4-Dimethylphenol	7.63	122	234688	41.87	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	283702	42.10	ng	# 97
29) 2,4-Dichlorophenol	7.83	162	221429	47.32	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	209422	41.10	ng	99
31) Naphthalene	7.98	128	725620	42.80	ng	99
32) Benzoic acid	7.76	122	69252	22.44	ng	96
33) 4-Chloroaniline	8.03	127	138343	18.28	ng	96
34) Hexachlorobutadiene	8.09	225	110411	41.09	ng	98
35) Caprolactam	8.41	113	67889m	43.80	ng	
36) 4-Chloro-3-methylphenol	8.54	107	223162	44.59	ng	98
37) 2-Methylnaphthalene	8.67	142	480383	42.99	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	200155	46.24	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	119381	44.09	ng	98
42) 2,4,6-Trichlorophenol	8.96	196	133933	39.90	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	145473	41.65	nq	# 92
45) 1,1'-Biphenyl	9.13	154	565765	44.88	nq	98
46) 2-Chloronaphthalene	9.15	162	449460	41.38	nq	99
47) 2-Nitroaniline	9.26	65	122438	38.21	nq	93
48) Acenaphthylene	9.56	152	656800	38.01	nq	100
49) Dimethylphthalate	9.44	163	528586	43.47	nq	99
50) 2,6-Dinitrotoluene	9.51	165	133270	47.86	nq	89
51) Acenaphthene	9.74	154	407416	37.80	nq	99
52) 3-Nitroaniline	9.67	138	77204	24.03	nq	97
53) 2,4-Dinitrophenol	9.78	184	44011	34.76	nq	91
54) Dibenzofuran	9.91	168	562410	37.89	nq	# 90
55) 4-Nitrophenol	9.86	139	142380	57.09	nq	# 77
56) 2,4-Dinitrotoluene	9.91	165	147823	41.30	nq	# 60
57) Fluorene	10.25	166	466472	46.68	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	105348	38.38	nq	# 53
59) Diethylphthalate	10.14	149	533822	43.37	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	195464	39.59	nq	# 87
61) 4-Nitroaniline	10.28	138	124241	40.76	nq	98
62) Azobenzene	10.40	77	500229	41.10	nq	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	49544	26.92	nq	# 64
65) n-Nitrosodiphenylamine	10.36	169	422255	41.58	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	144351	43.96	nq	# 91
67) Hexachlorobenzene	10.80	284	147424	43.21	nq	# 73
68) Atrazine	10.90	200	152840	49.70	nq	94
69) Pentachlorophenol	10.99	266	81206	45.16	nq	97
70) Phenanthrene	11.21	178	724070	45.08	nq	98
71) Anthracene	11.26	178	694919	42.90	nq	99
72) Carbazole	11.42	167	651180	42.95	nq	100
73) Di-n-butylphthalate	11.75	149	796752	41.52	nq	100
74) Fluoranthene	12.39	202	737545	43.52	nq	97
76) Benzidine	12.51	184	282026	45.00	nq	98
77) Pyrene	12.62	202	770342	45.86	nq	99
79) Butylbenzylphthalate	13.23	149	345453	46.52	nq	# 86
80) Benzo(a)anthracene	13.79	228	550747	42.69	nq	100
81) 3,3'-Dichlorobenzidine	13.76	252	109450	31.55	nq	# 96
82) Chrysene	13.84	228	621409	51.20	nq	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	413873	45.78	nq	99
84) Di-n-octyl phthalate	14.40	149	802116	54.60	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	479843	42.56	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	522182m	36.50	nq	
88) Benzo(k)fluoranthene	14.83	252	560474m	51.93	nq	
89) Benzo(a)pyrene	15.13	252	511349	44.18	nq	# 93
90) Dibenzo(a,h)anthracene	16.47	278	403047	37.49	nq	97
91) Benzo(g,h,i)perylene	16.85	276	422083	38.17	nq	98

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

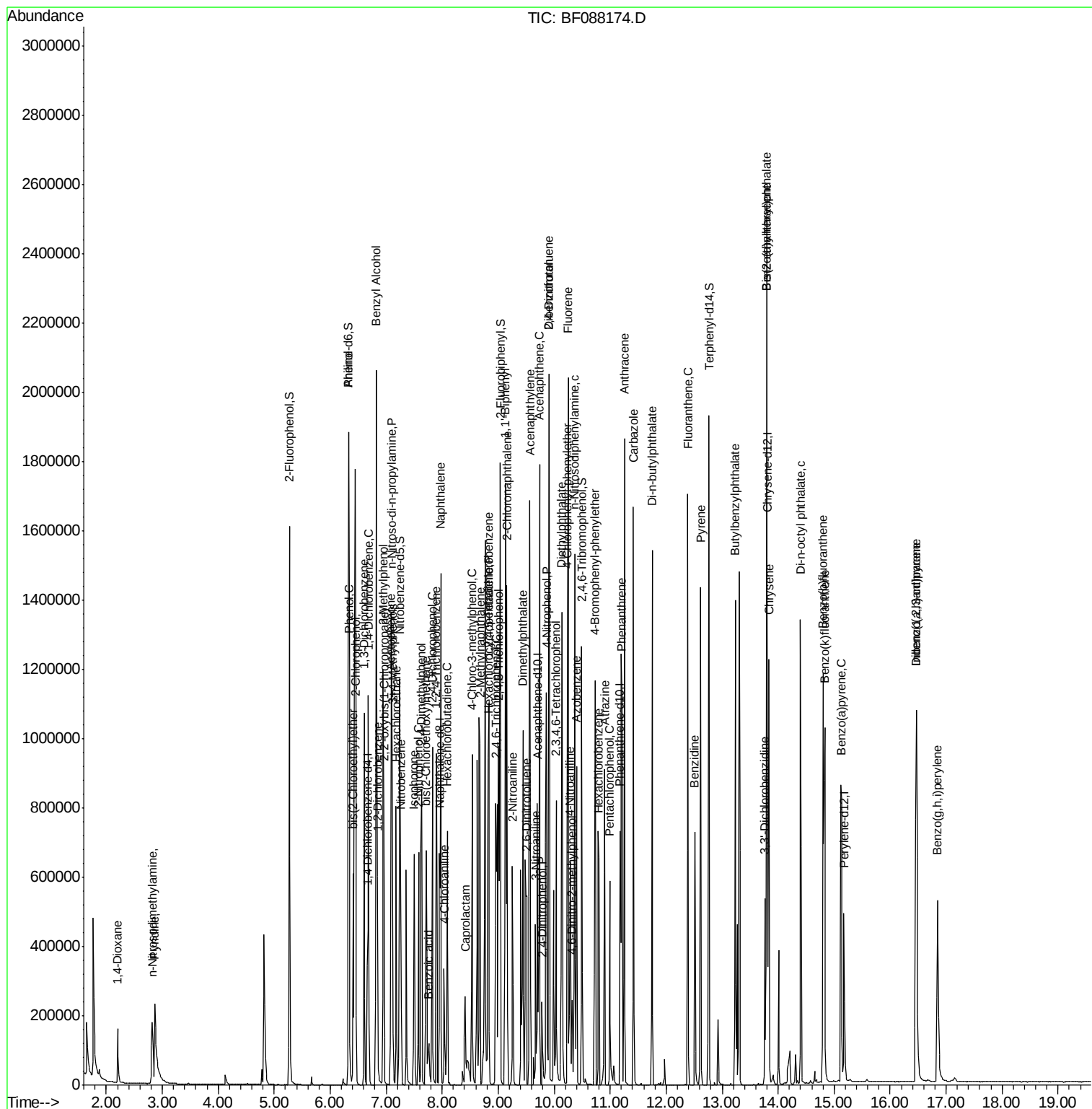
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
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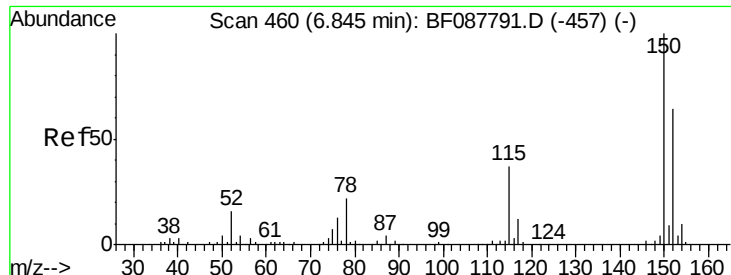
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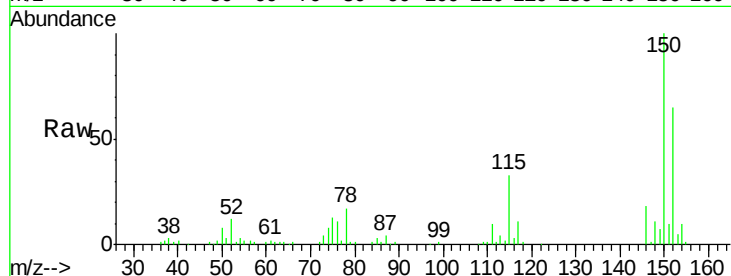
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

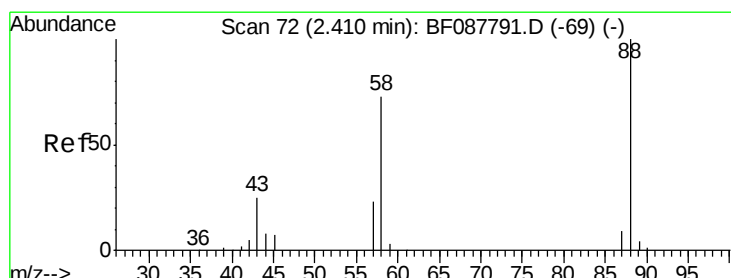
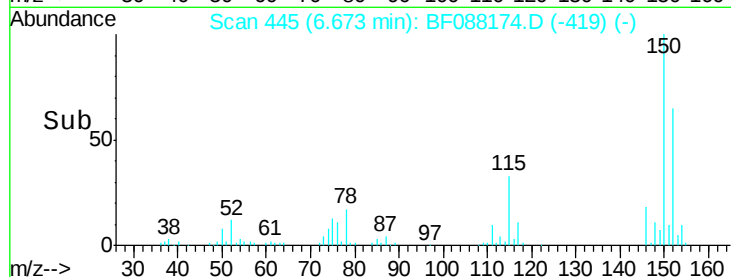
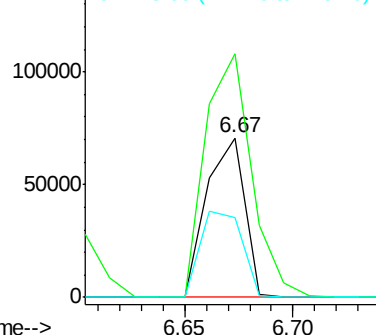
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.8	185.6
115	50.1	39.6	59.4

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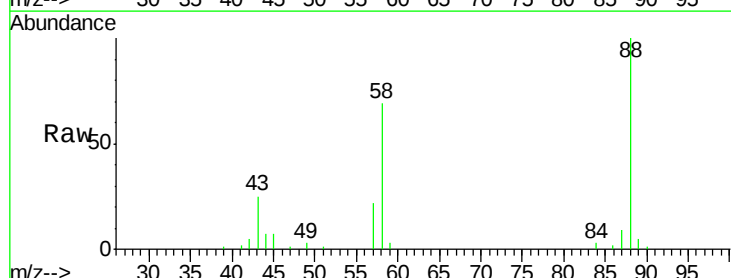


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

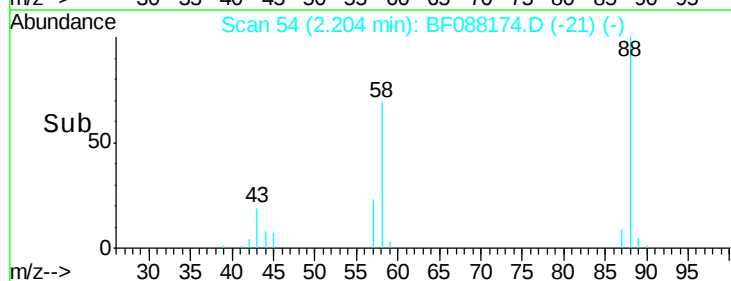
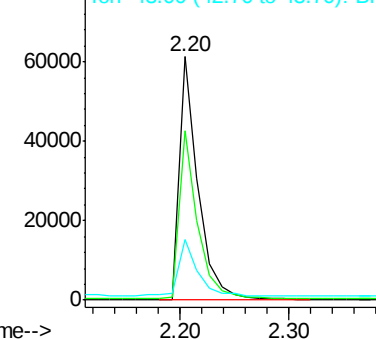


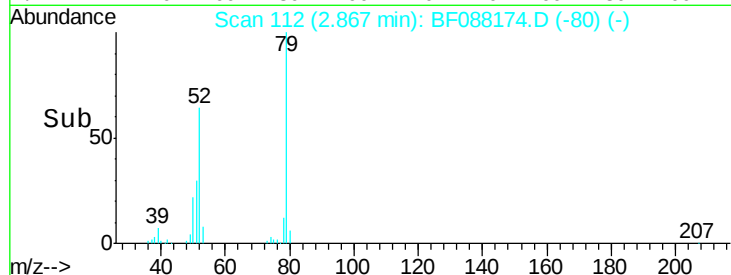
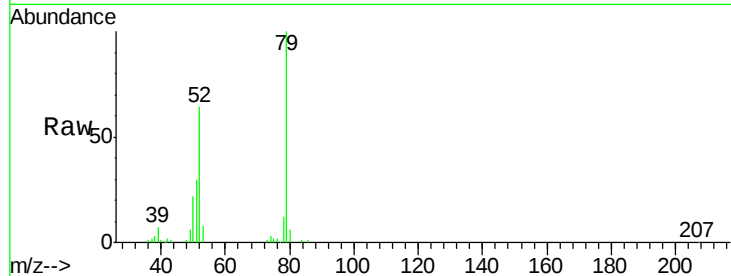
#2
 1,4-Dioxane
 Concen: 30.54 ng
 RT: 2.20 min Scan# 54
 Delta R.T. 0.08 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	0.0	0.0#
43	23.7	3.4	5.2#



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





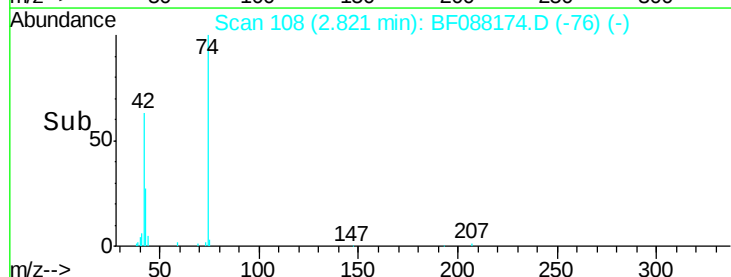
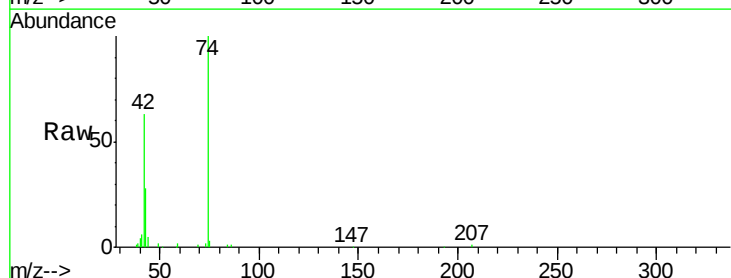
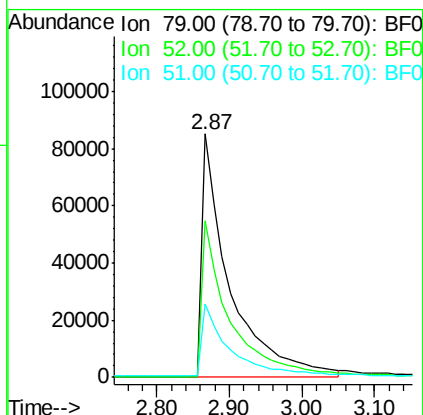
#3
 Pvridine
 Concen: 39.45 ng
 RT: 2.87 min Scan# 112
 Delta R.T. 0.07 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tot Ion:	79	Resp:	226348
Ion Ratio	Lower	Upper	
79	100		
52	64.1	56.3	84.5
51	30.1	27.4	41.2

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 ClientSampled :
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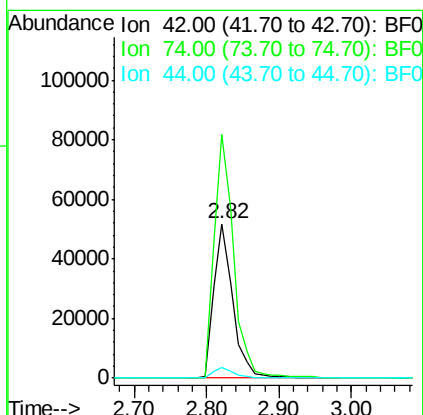
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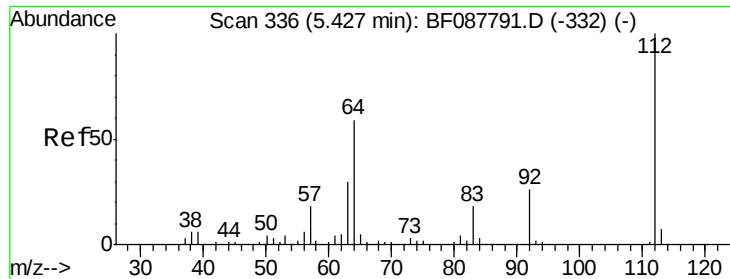
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#4
 n-Nitrosodimethylamine
 Concen: 38.83 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.07 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion:	42	Resp:	94362
Ion Ratio	Lower	Upper	
42	100		
74	157.7	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 109.87 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

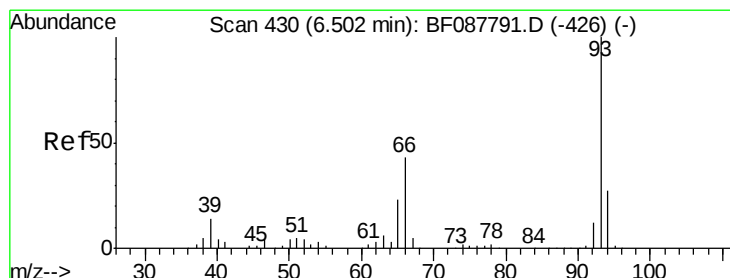
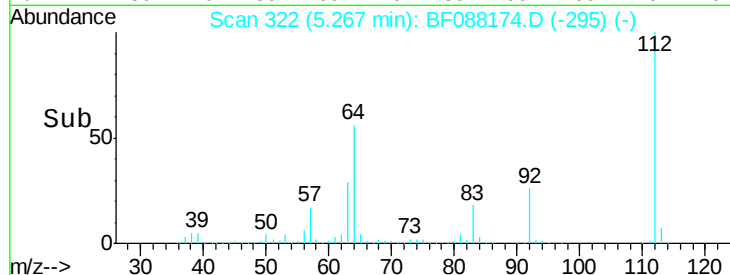
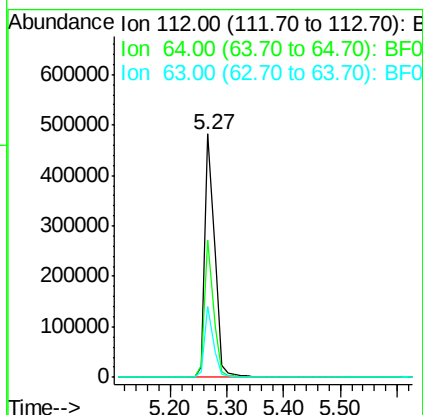
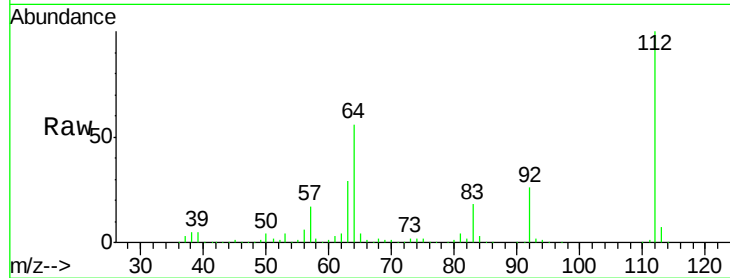
ClientSampleId :

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Tot Ion:	112	Resp:	549504
Ion Ratio	Lower	Upper	
112	100		
64	56.4	42.2	63.2
63	29.2	21.8	32.8

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#6

Aniline

Concen: 20.71 ng

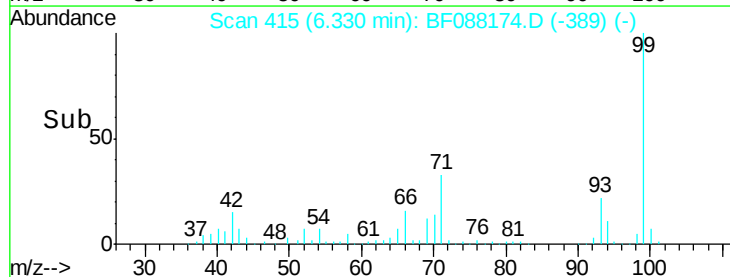
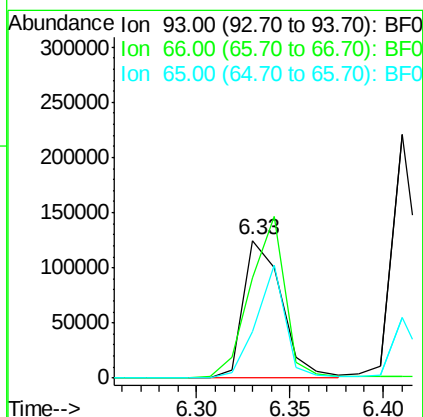
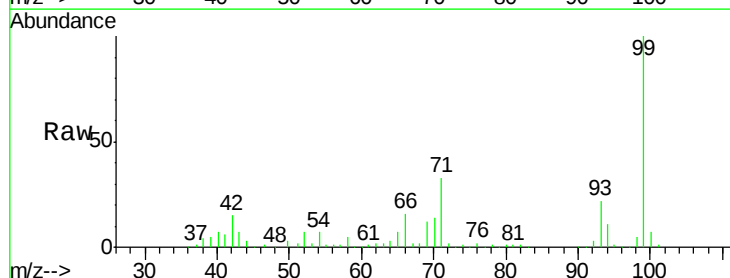
RT: 6.33 min Scan# 415

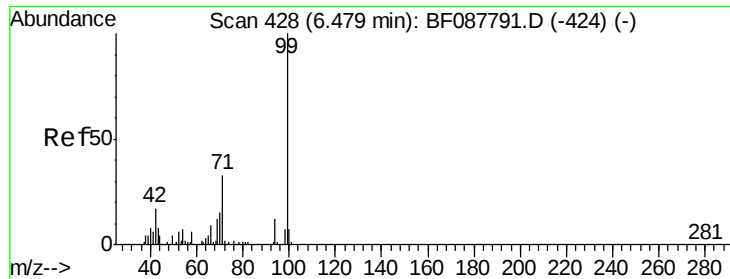
Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:	93	Resp:	178669
Ion Ratio	Lower	Upper	
93	100		
66	73.0	29.8	44.8#
65	33.5	14.9	22.3#





#7

Phenol-d6

Concen: 112.53 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

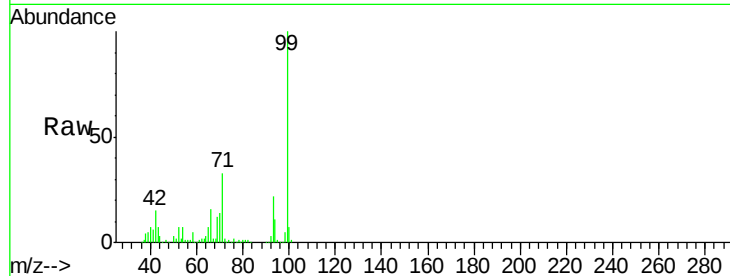
ClientSampleId :

PB91373BS

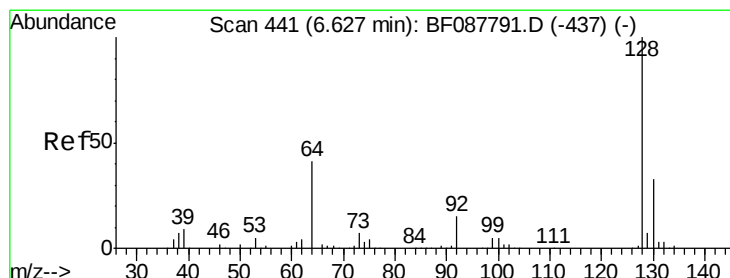
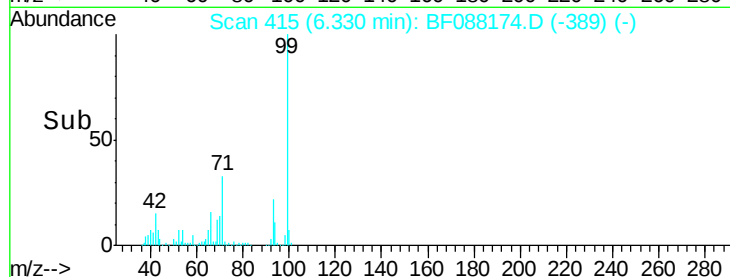
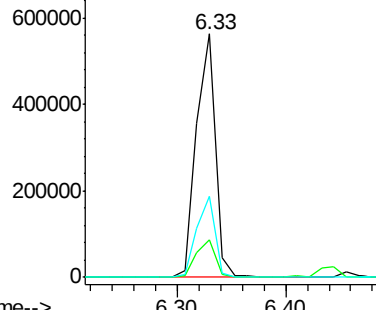
Tot Ion:	99	Resp:	682033
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.2	18.2
71	33.2	23.4	35.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.54 ng

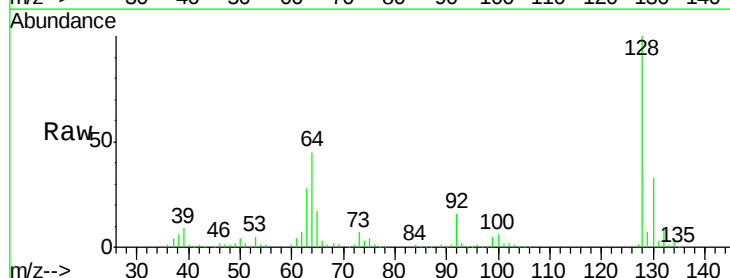
RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

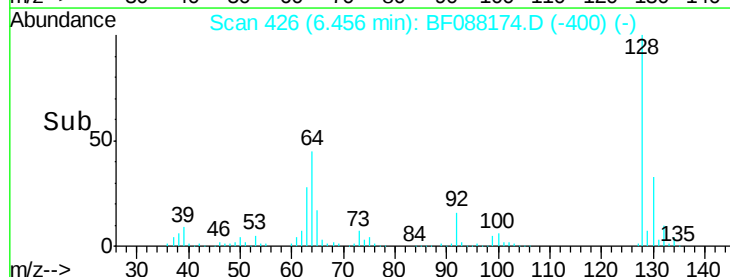
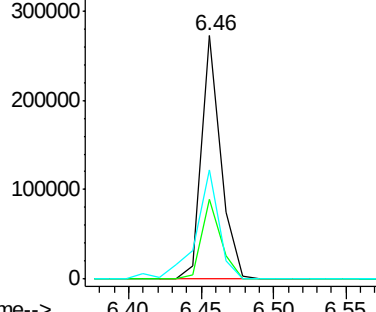
Lab File: BF088174.D

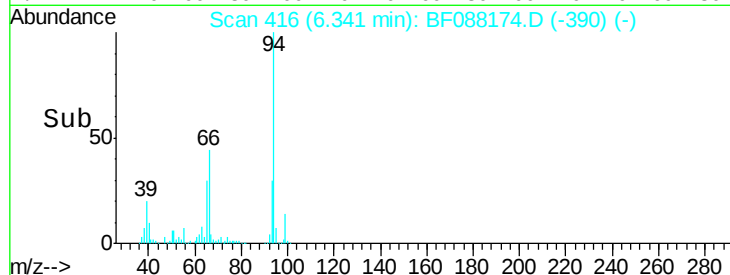
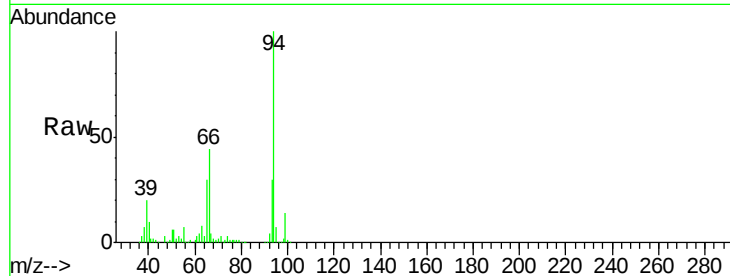
Acq: 20 Jun 2016 16:02

Tgt Ion:	128	Resp:	251811
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.0	52.0
64	45.1	30.8	70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 48.29 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tot Ion:	94	Resp:	301042
Ion Ratio	Lower	Upper	
94	100		
65	30.3	5.9	45.9
66	43.5	14.0	54.0

Instrument :

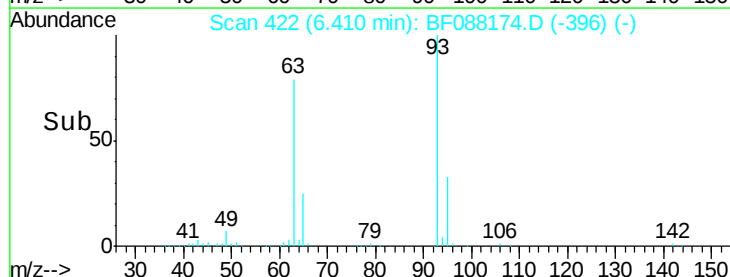
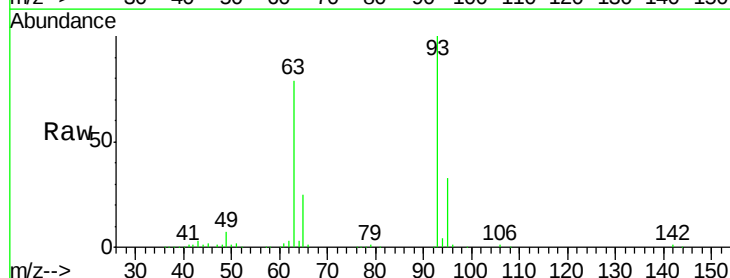
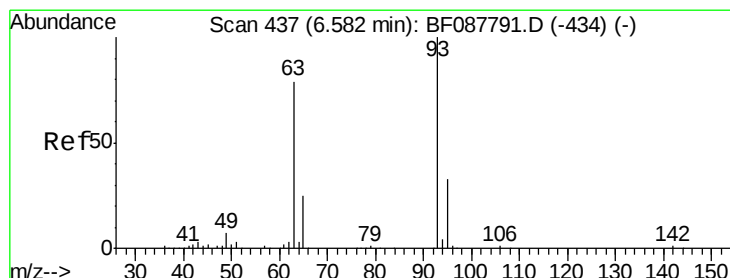
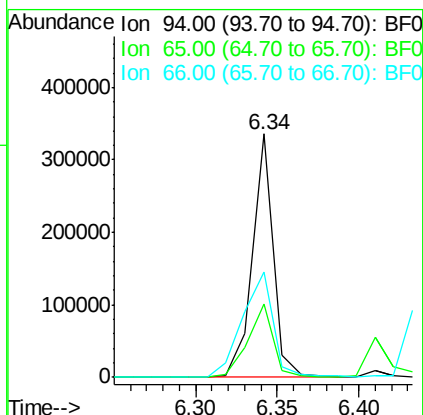
BNA_F

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#11

bis(2-Chloroethyl)ether

Concen: 40.48 ng

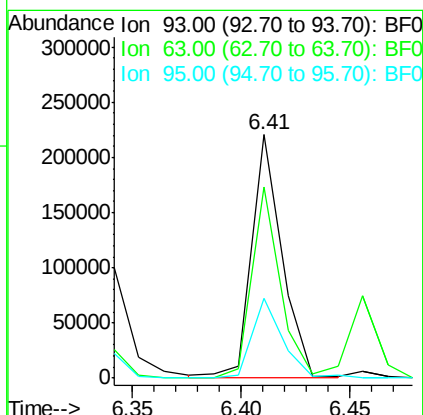
RT: 6.41 min Scan# 422

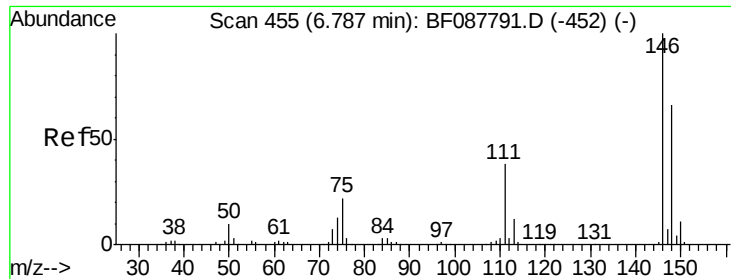
Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:	93	Resp:	215126
Ion Ratio	Lower	Upper	
93	100		
63	78.6	67.6	107.6
95	32.9	12.5	52.5





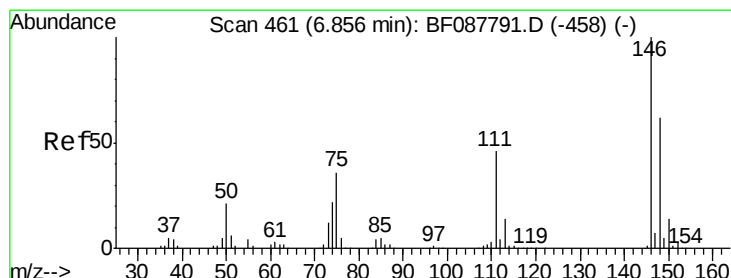
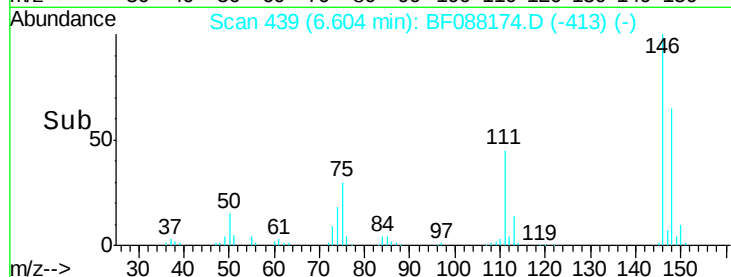
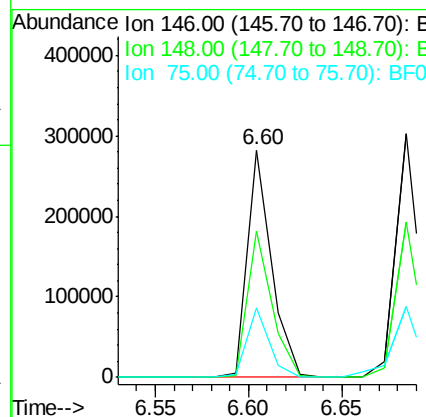
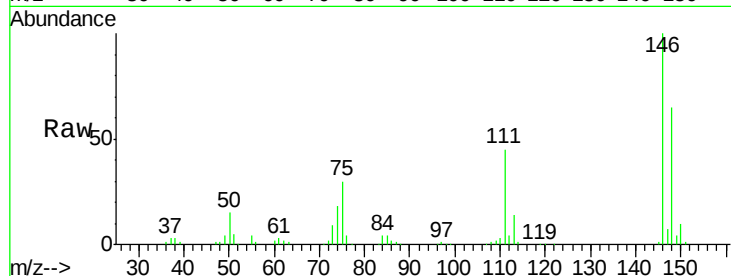
#12
 1,3-Dichlorobenzene
 Concen: 40.26 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	30.4	25.6	38.4

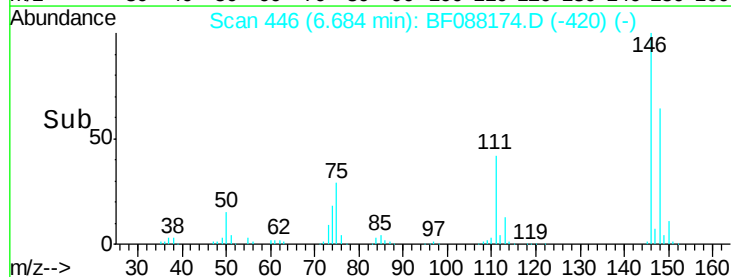
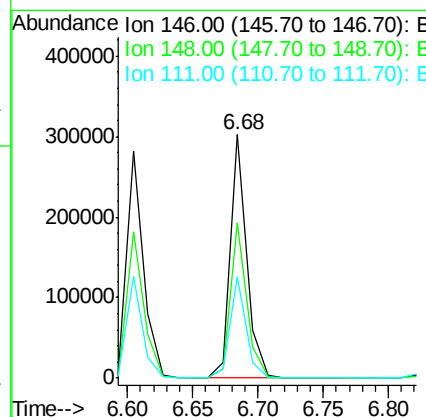
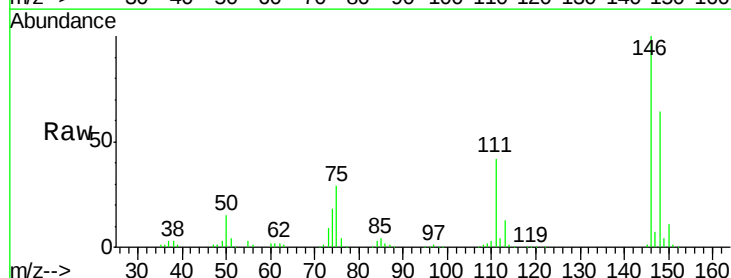
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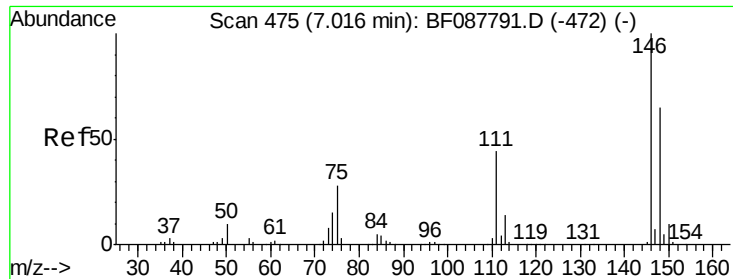
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#13
 1,4-Dichlorobenzene
 Concen: 41.33 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
111	41.8	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 39.22 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

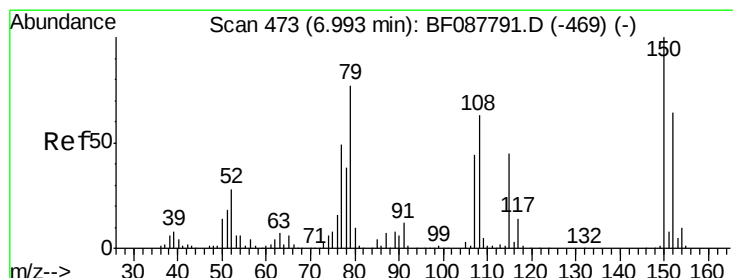
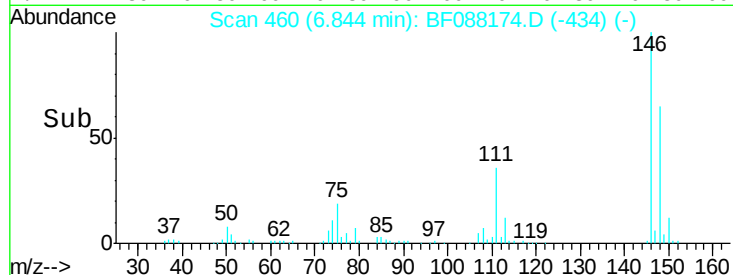
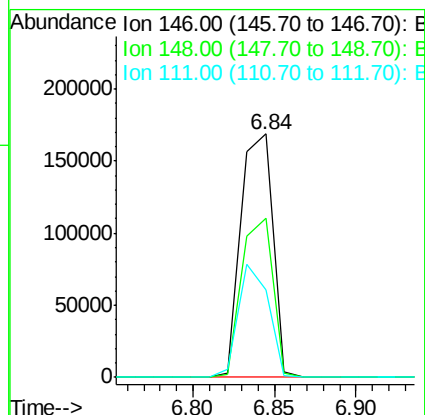
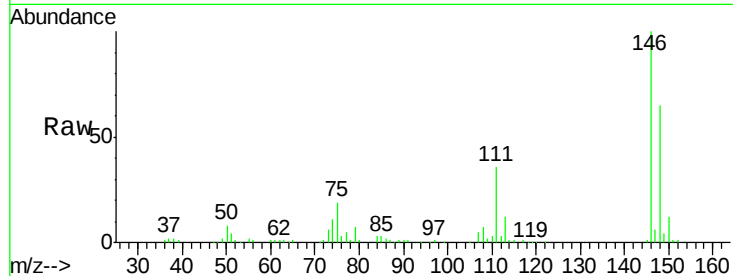
ClientSampleId :

PB91373BS

Tot Ion:	146	Resp:	228193
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.3	78.5
111	35.9	28.7	43.1

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#15

Benzyl Alcohol

Concen: 35.86 ng

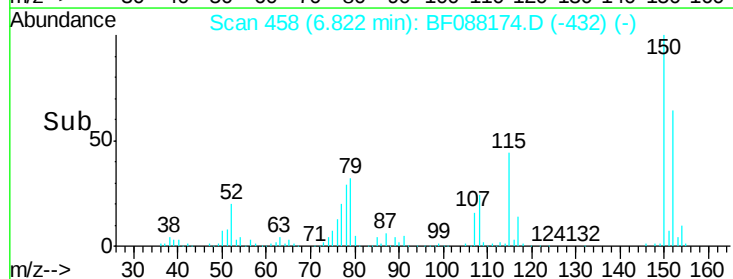
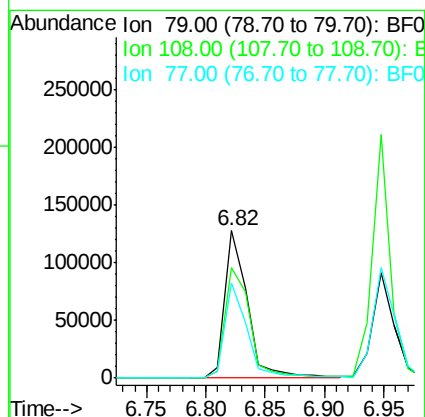
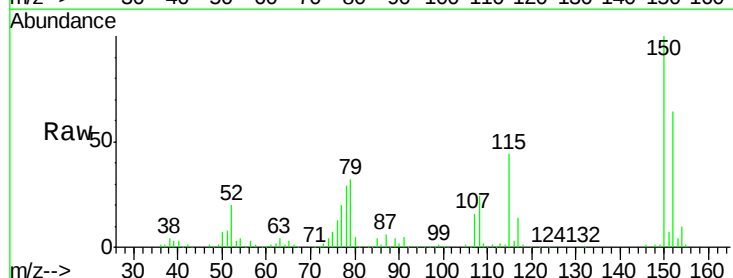
RT: 6.82 min Scan# 458

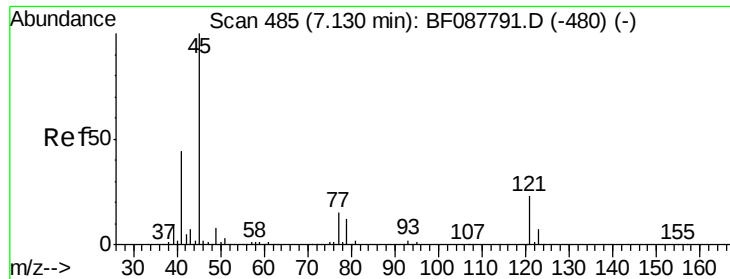
Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:	79	Resp:	170058
Ion Ratio	Lower	Upper	
79	100		
108	74.8	65.0	97.6
77	64.5	50.3	75.5





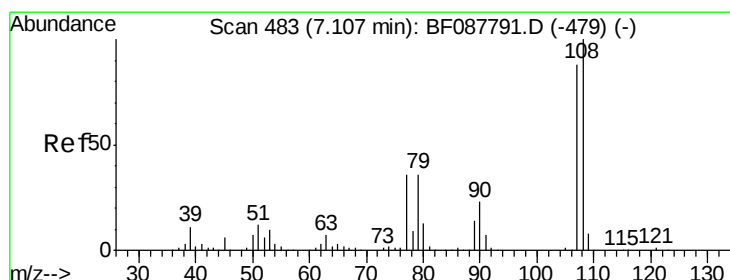
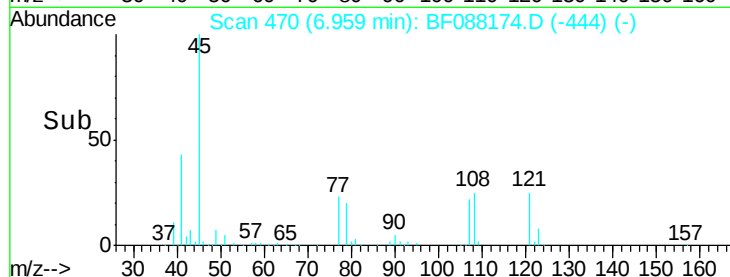
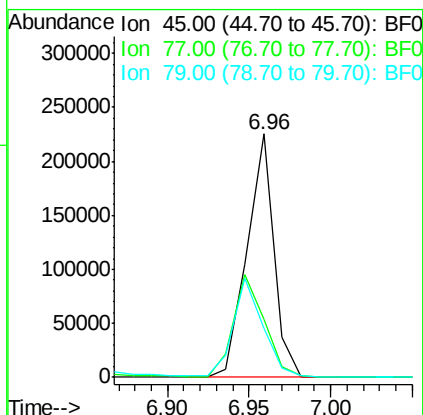
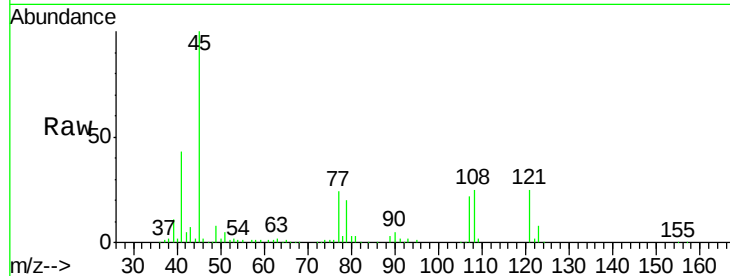
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.90 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	24.0	0.0	32.5
79	20.4	0.0	29.5

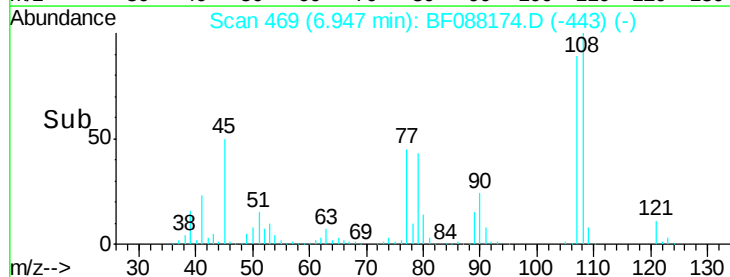
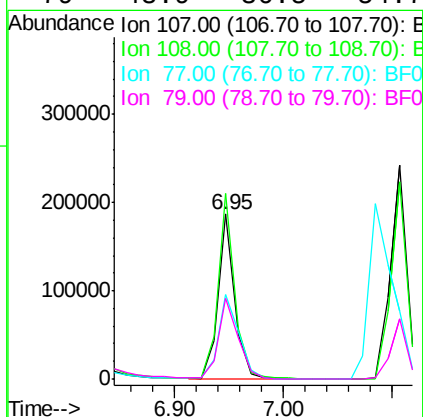
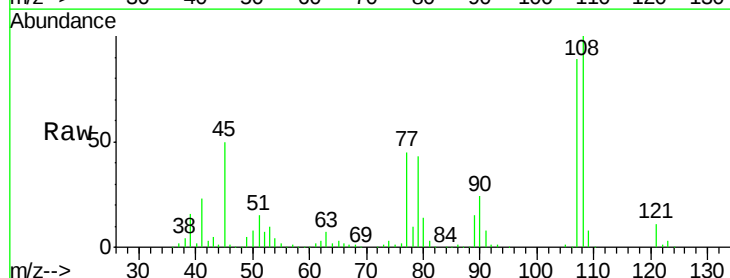
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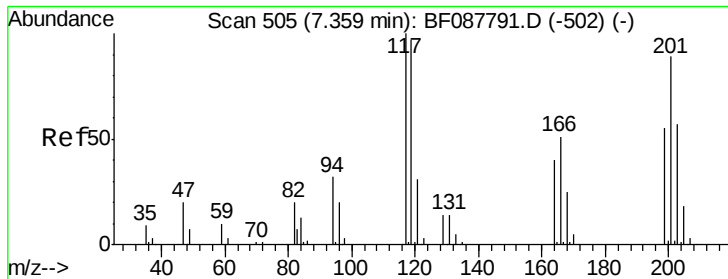
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#17
2-Methylphenol
Concen: 41.88 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.9	90.9	136.3
77	51.0	36.6	55.0
79	48.9	36.5	54.7





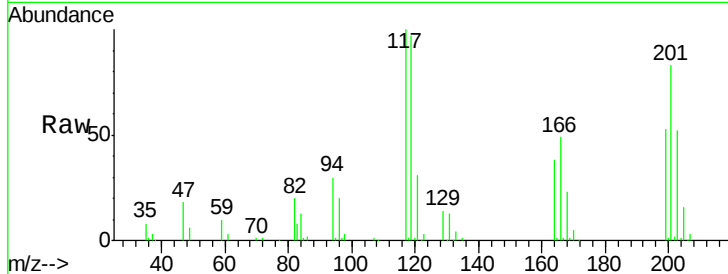
#18
Hexachloroethane
Concen: 41.63 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampled :
PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	94517		
119	96.7	77.4	116.2	
201	82.5	80.4	120.6	

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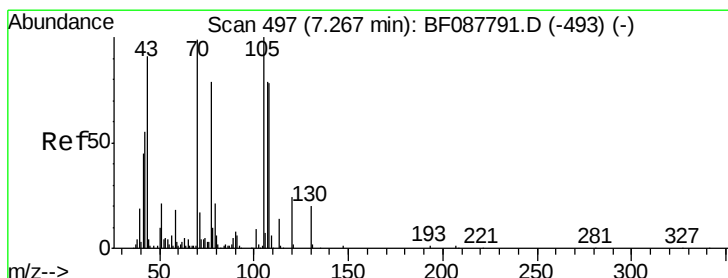
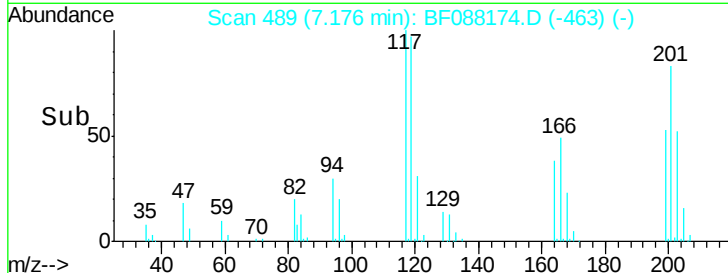
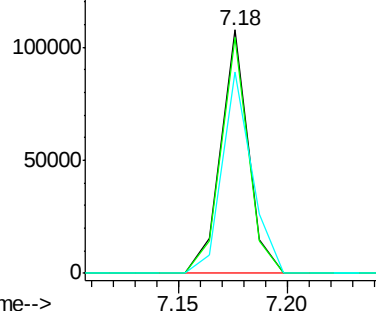


Abundance

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: 41.87 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	162349		
42	48.1	49.6	74.4#	
101	9.8	7.1	10.7	
130	22.2	15.4	23.2	

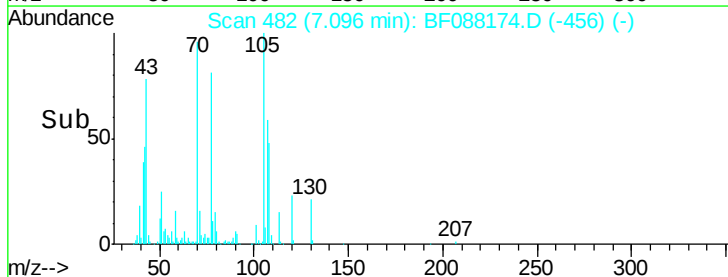
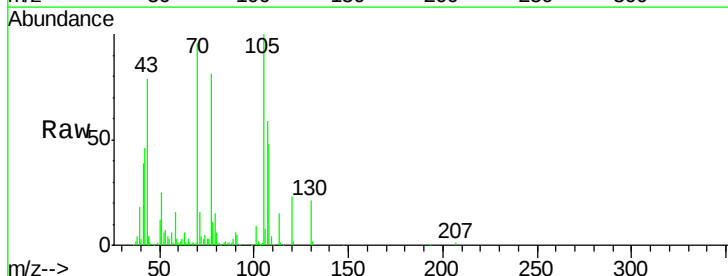
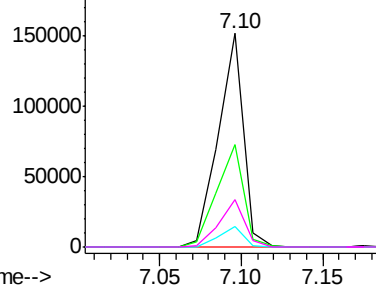
Abundance

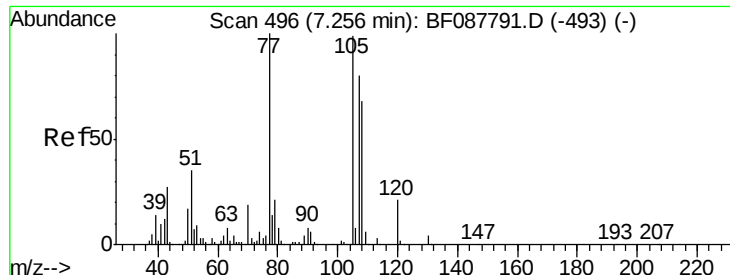
Ion 70.00 (69.70 to 70.70): BF0

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





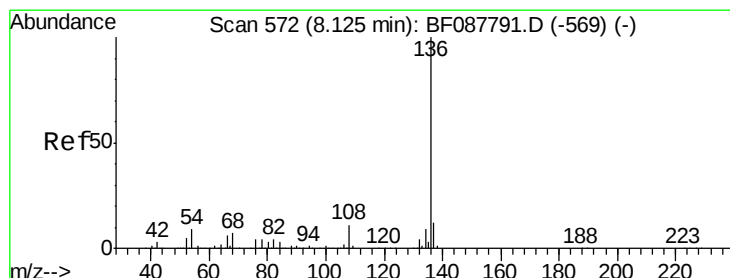
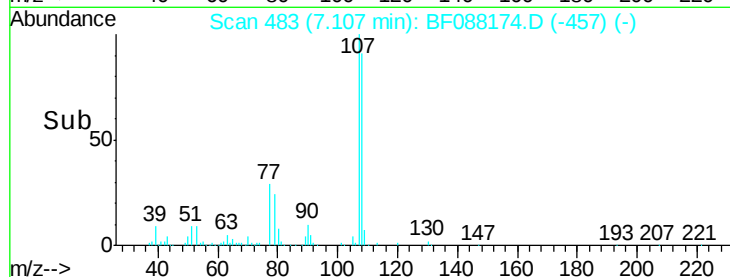
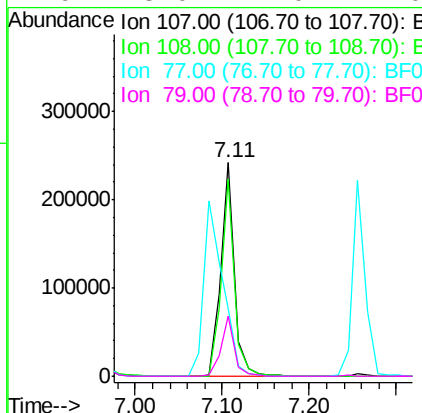
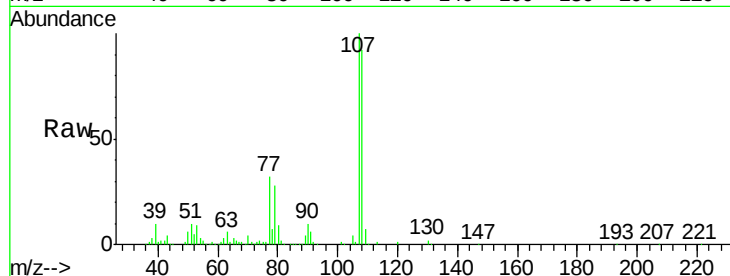
#20
3+4-Methylphenols
Concen: 48.15 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	269705		
108	92.1	67.8	107.8	
77	31.6	59.3	99.3#	
79	28.0	7.0	47.0	

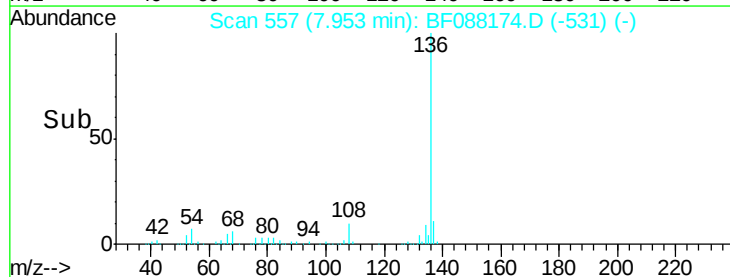
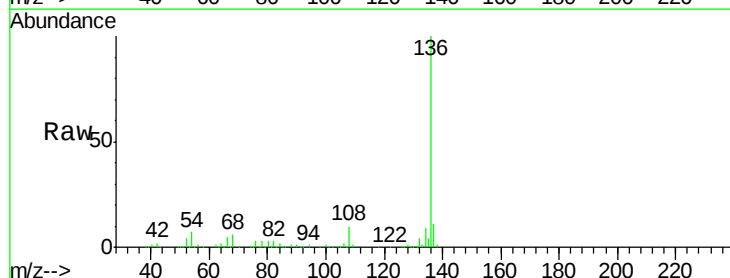
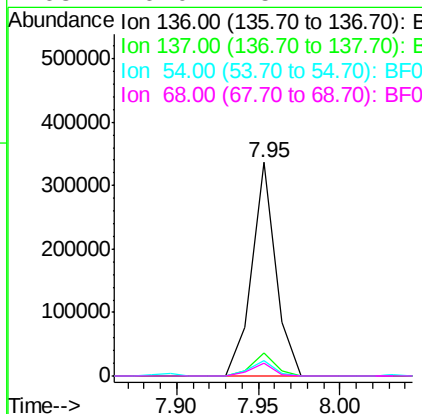
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	342556		
137	11.0	9.1	13.7	
54	7.3	6.6	10.0	
68	6.0	5.1	7.7	





#22

Acetophenone

Concen: 42.07 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088174.D

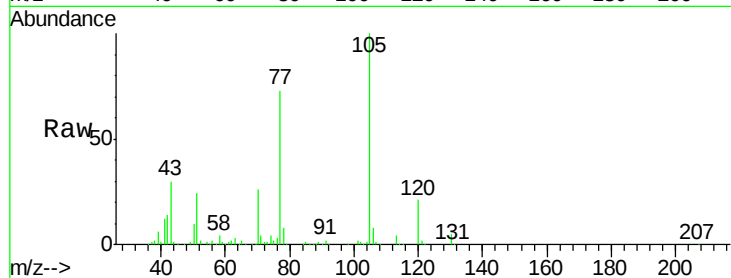
Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

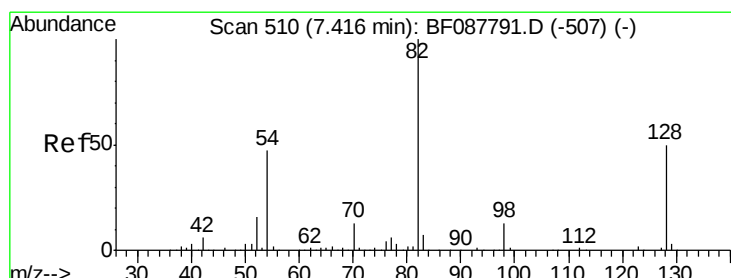
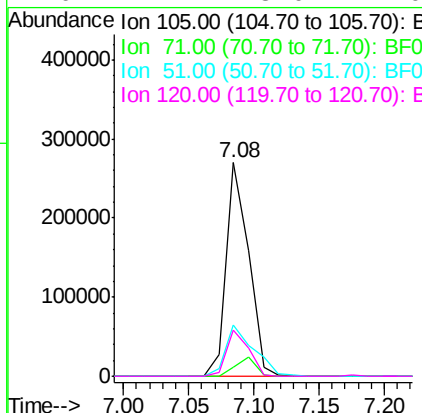
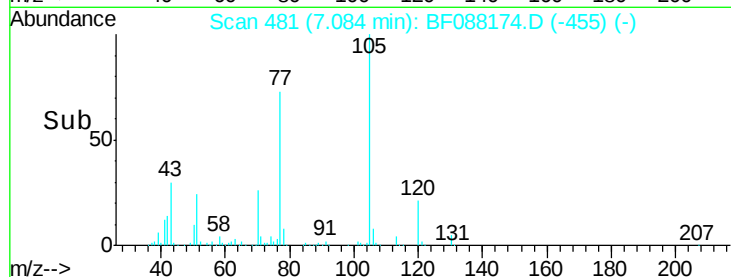
PB91373BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	322080		
71	71	4.2	5.3	7.9	#
51	51	23.8	18.2	27.4	
120	120	21.4	18.0	27.0	

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#23

Nitrobenzene-d5

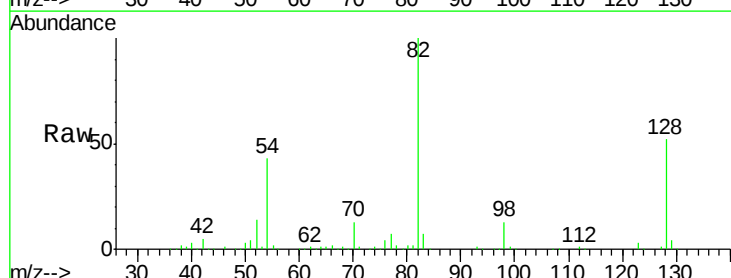
Concen: 79.88 ng

RT: 7.24 min Scan# 495

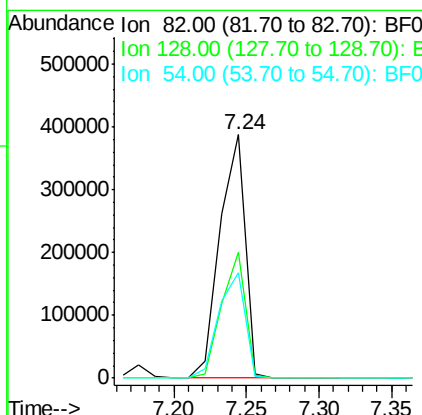
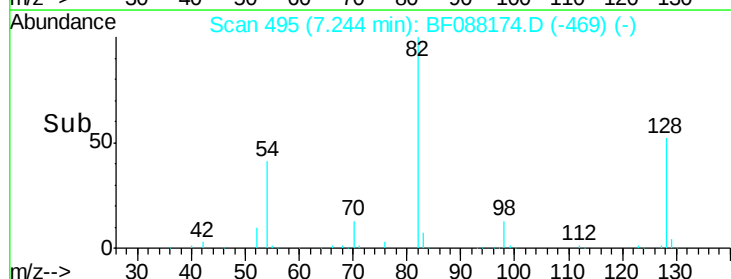
Delta R.T. -0.00 min

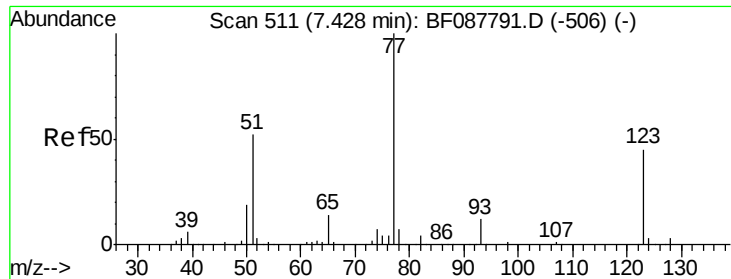
Lab File: BF088174.D

Acq: 20 Jun 2016 16:02



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	468569		
128	128	51.9	35.9	53.9	
54	54	43.3	40.9	61.3	





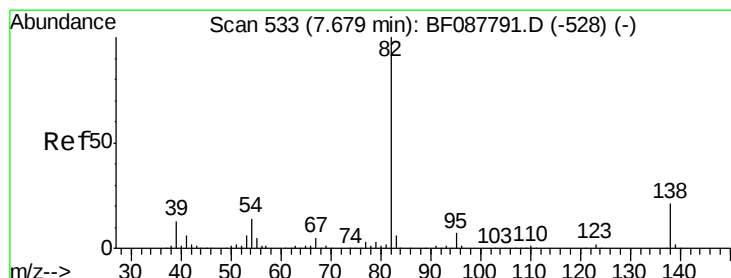
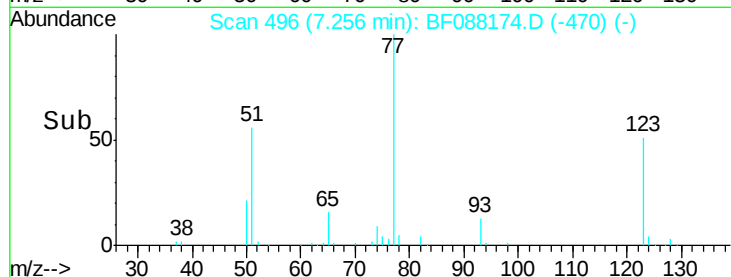
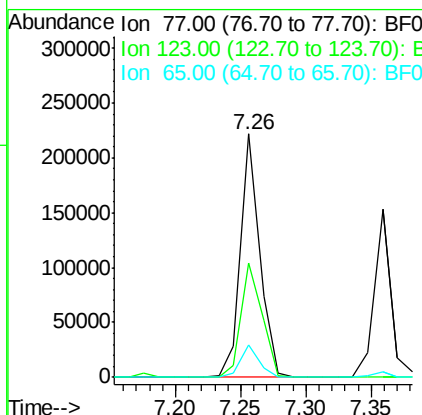
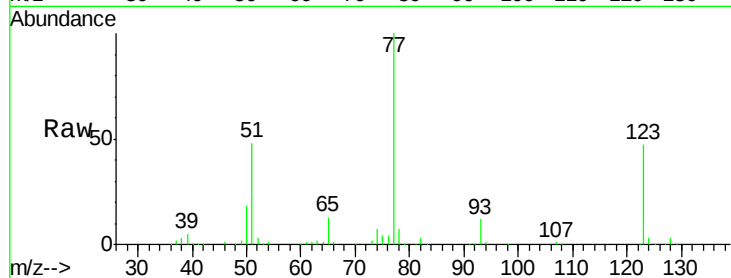
#24
Nitrobenzene
Concen: 39.97 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.8	45.0	67.4
65	13.1	10.2	15.2

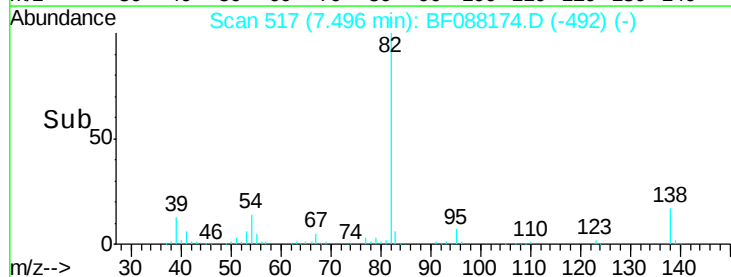
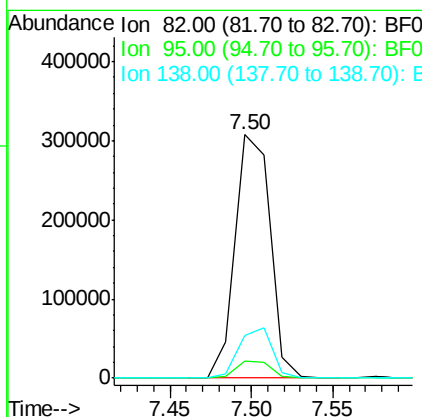
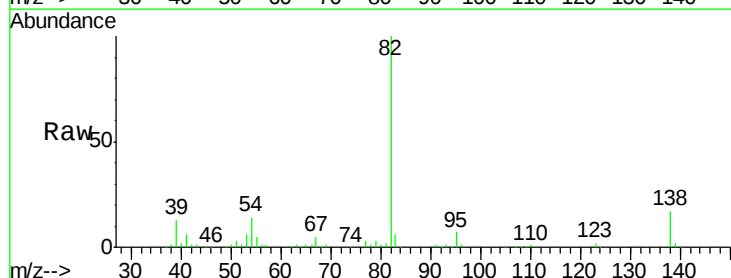
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#25
Isophorone
Concen: 42.00 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.3	14.6	21.8





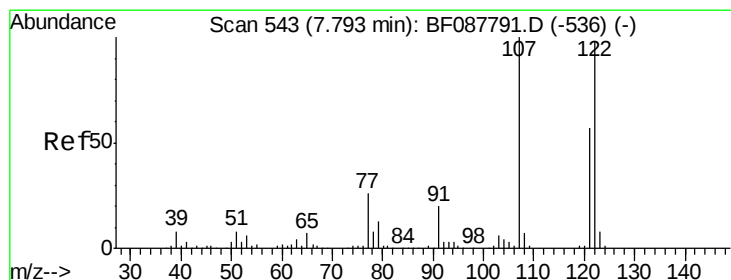
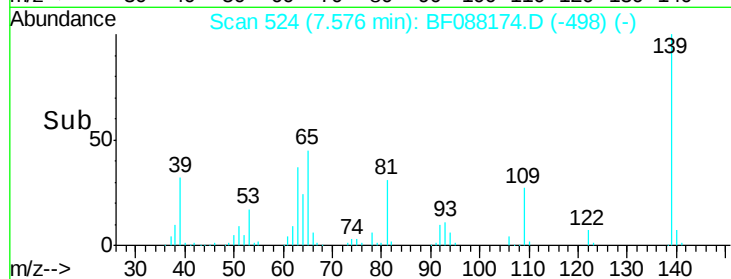
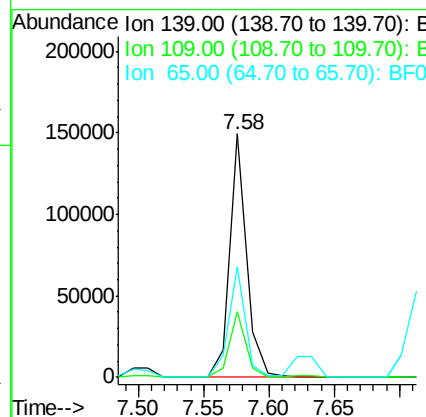
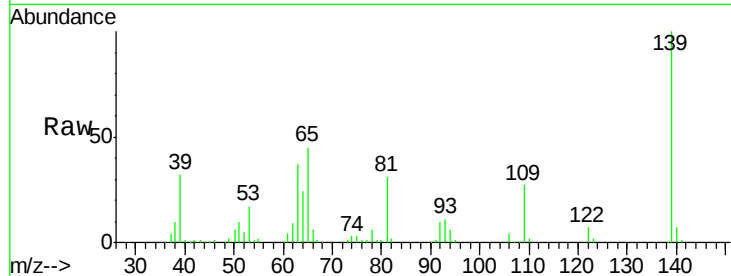
#26
2-Nitrophenol
Concen: 44.73 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	26.8	23.0	34.4
65	45.2	45.8	68.8

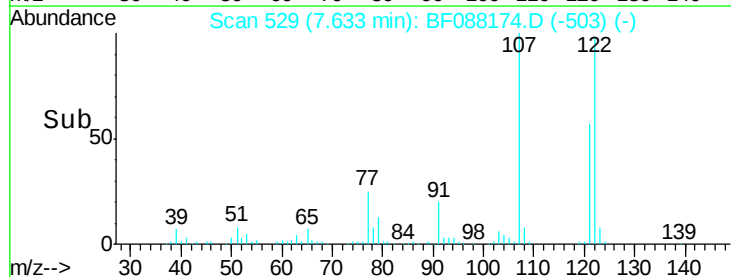
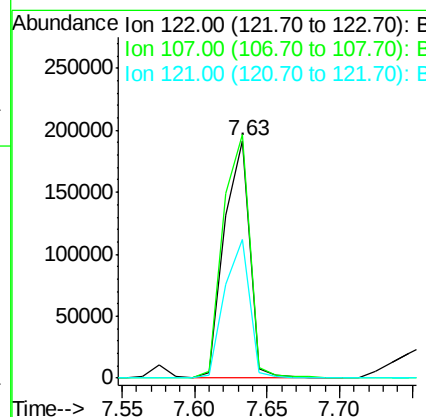
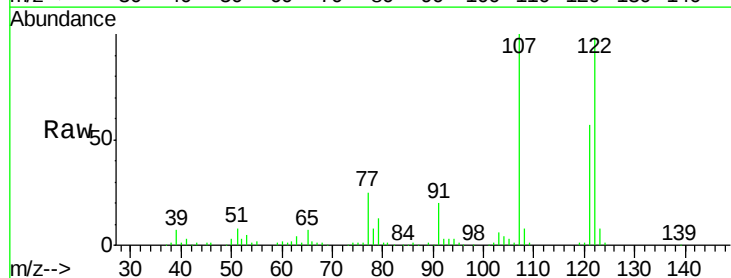
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#27
2,4-Dimethylphenol
Concen: 41.87 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	102.4	82.4	123.6
121	58.2	46.3	69.5





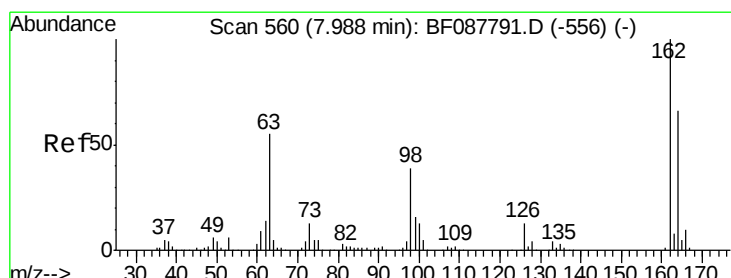
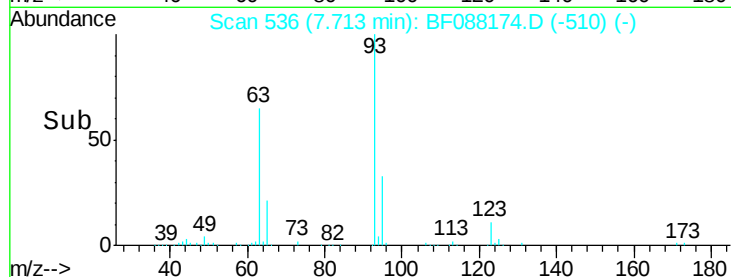
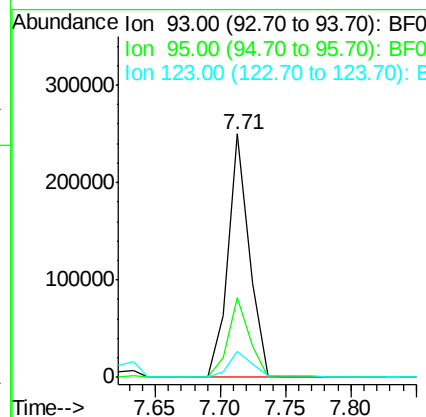
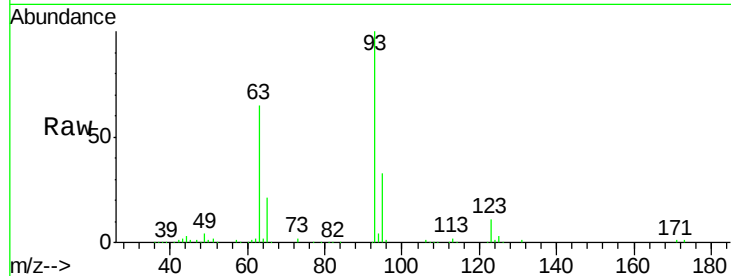
#28
bis(2-Chloroethoxy)methane
Concen: 42.10 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	283702		
95	32.6		26.5	39.7
123	10.7		11.6	17.4

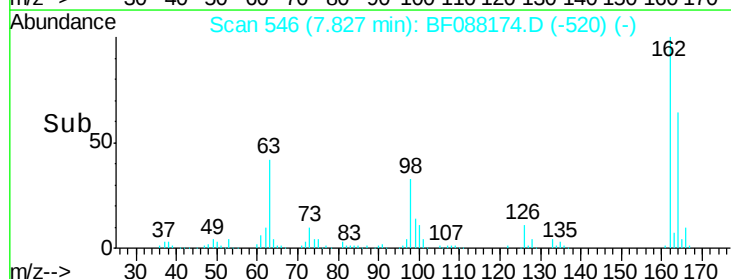
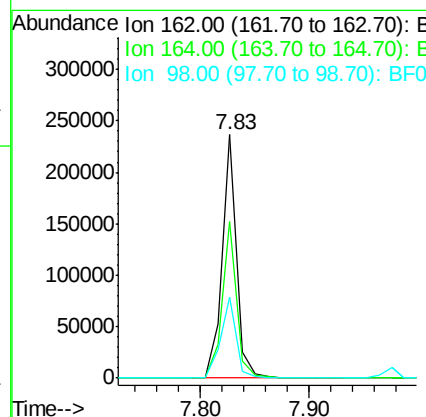
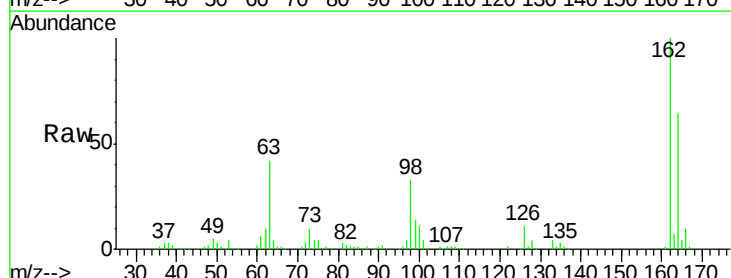
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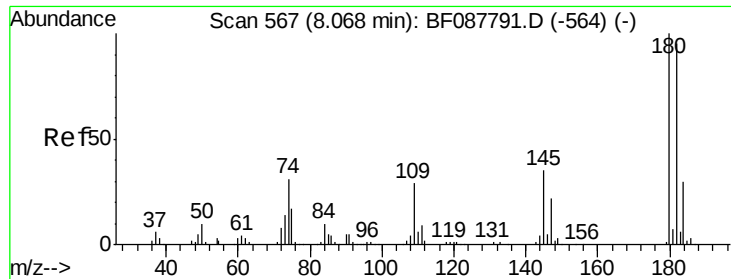
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#29
2,4-Dichlorophenol
Concen: 47.32 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	221429		
164	64.3		43.8	83.8
98	33.5		21.3	61.3





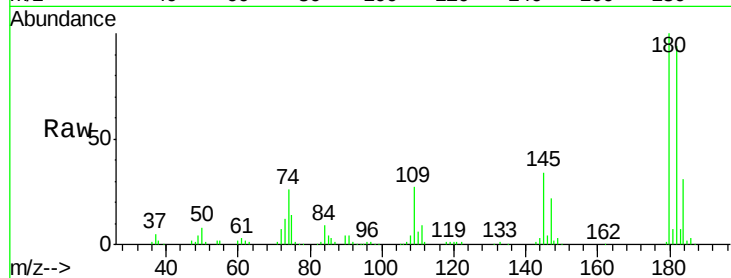
#30
1,2,4-Trichlorobenzene
Concen: 41.10 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

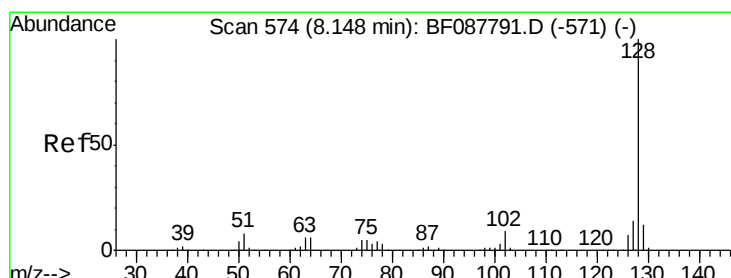
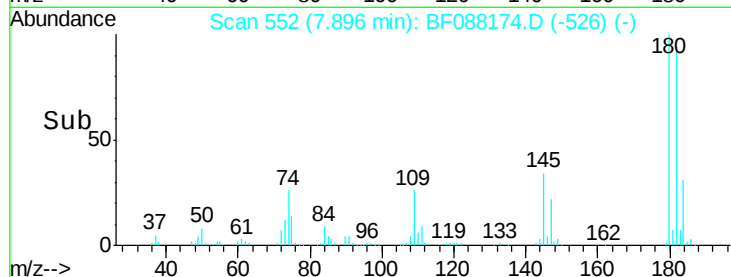
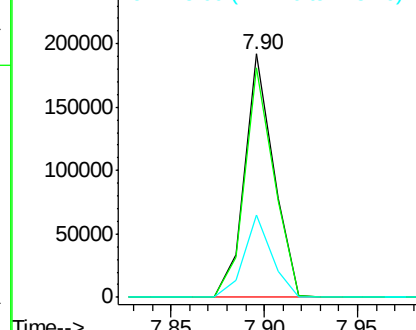
Tot Ion	Ratio	Resp	Lower	Upper
180	100	209422		
182	94.1	76.0	114.0	
145	34.1	26.5	39.7	

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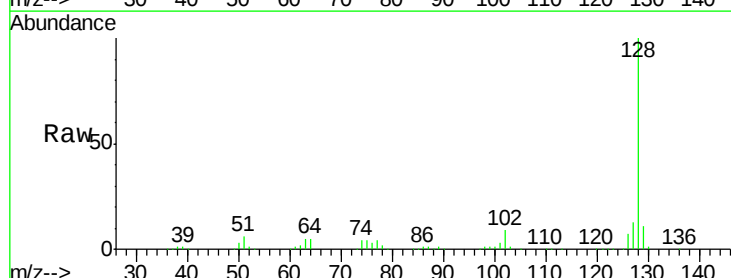


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

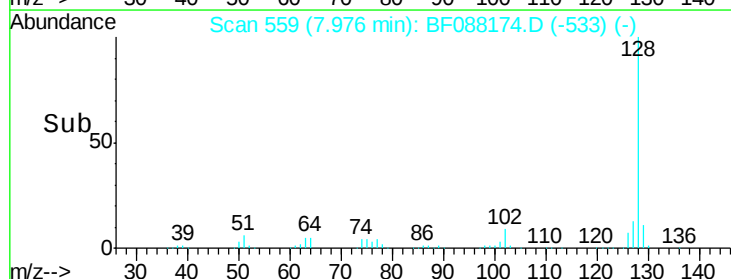
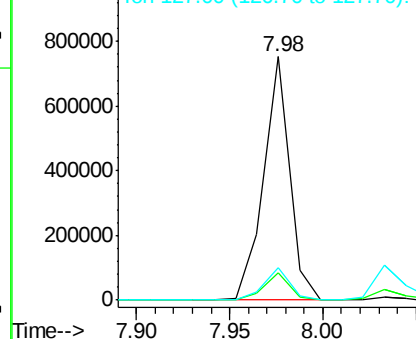


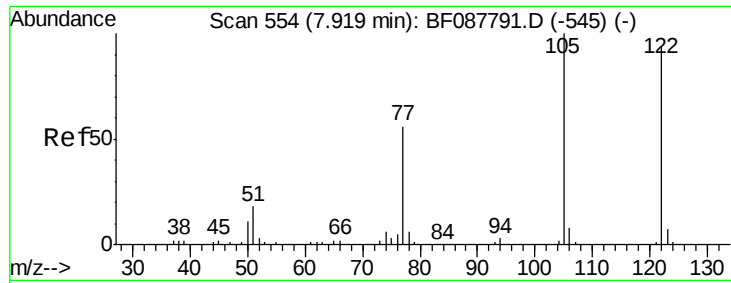
#31
Naphthalene
Concen: 42.80 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	725620		
129	11.4	9.4	14.2	
127	13.2	10.9	16.3	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





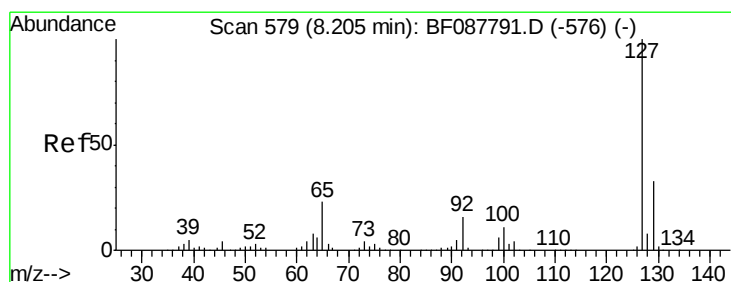
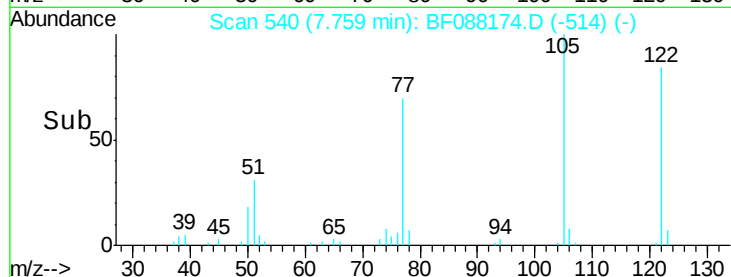
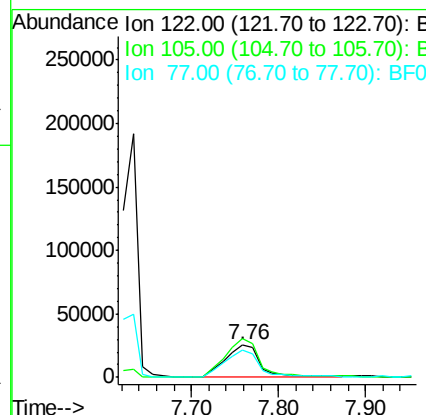
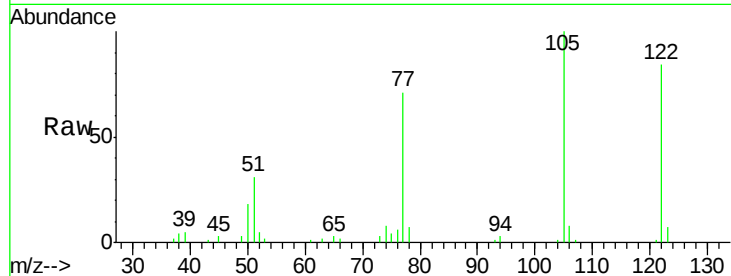
#32
Benzoic acid
Concen: 22.44 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	119.0	101.6	141.6
77	84.8	70.6	110.6

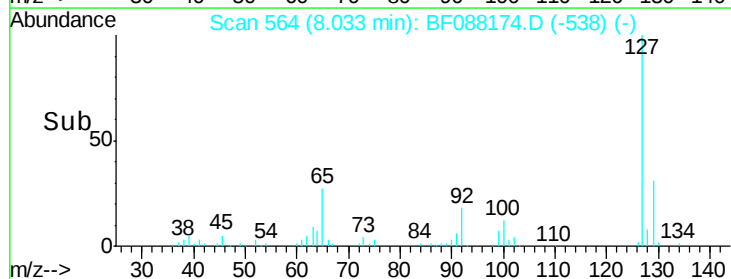
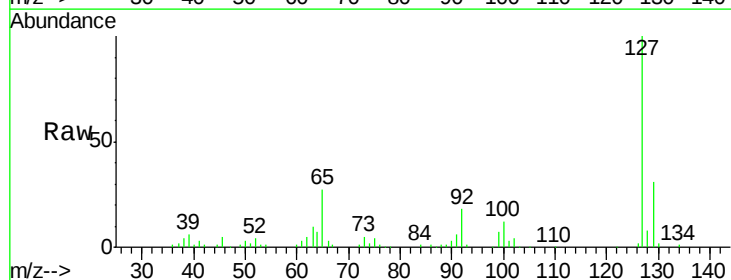
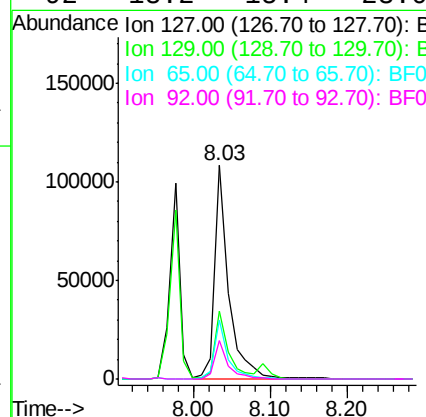
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#33
4-Chloroaniline
Concen: 18.28 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	27.5	24.7	37.1
92	18.2	15.4	23.0





#34

Hexachlorobutadiene

Concen: 41.09 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

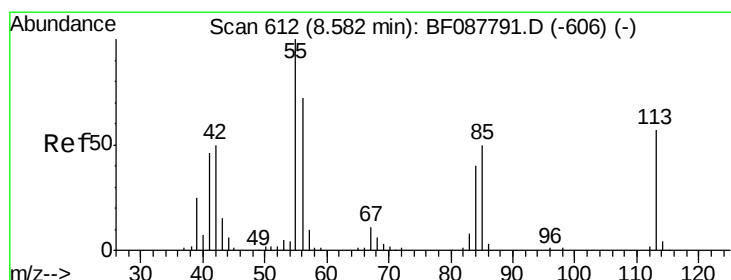
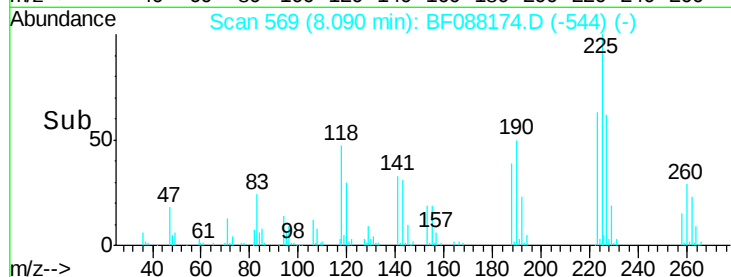
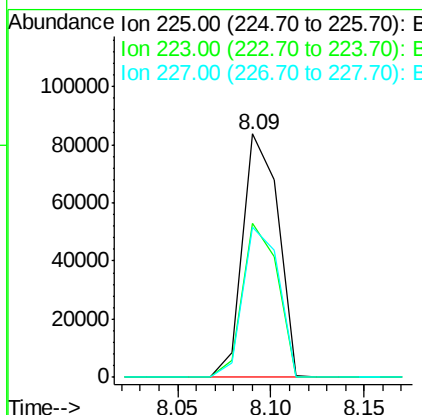
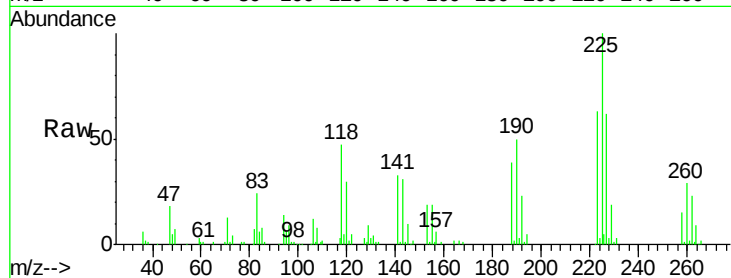
ClientSampleId :

PB91373BS

Tot Ion:	225	Resp:	110411
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.9	76.3
227	61.7	51.9	77.9

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#35

Caprolactam

Concen: 43.80 ng m

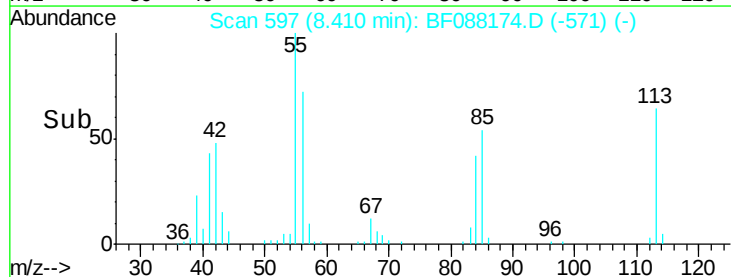
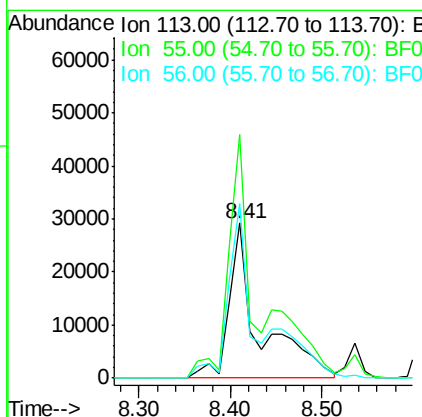
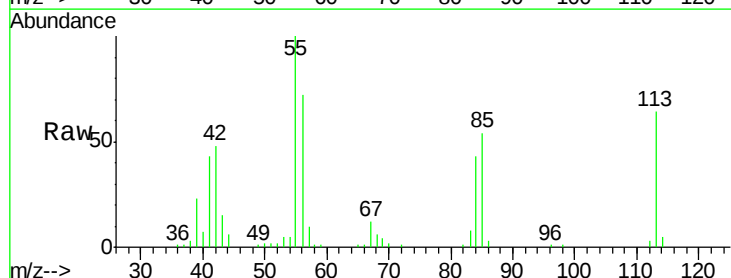
RT: 8.41 min Scan# 597

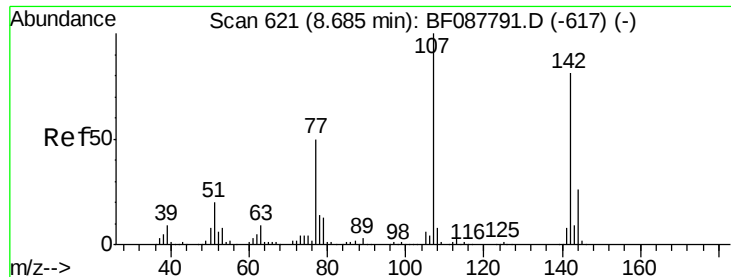
Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:	113	Resp:	67889
Ion Ratio	Lower	Upper	
113	100		
55	157.0	158.6	198.6#
56	112.4	110.6	150.6





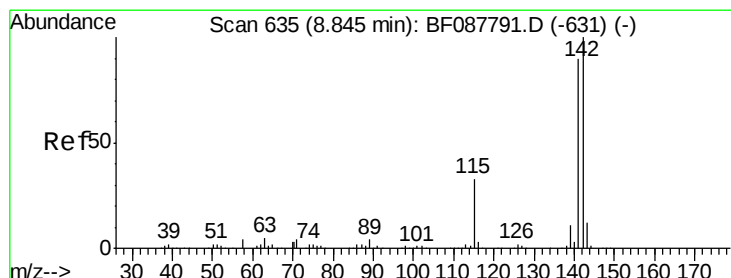
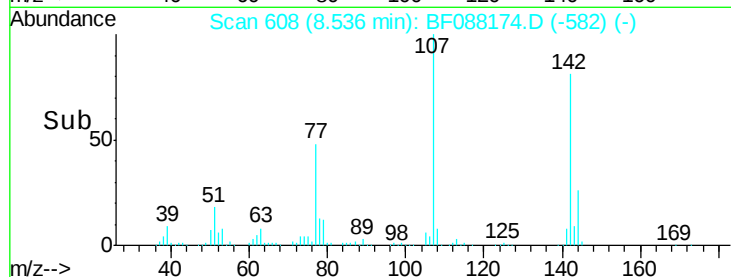
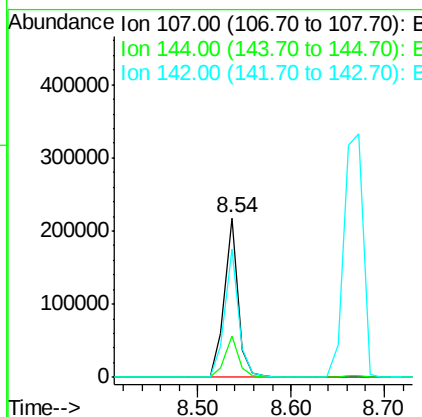
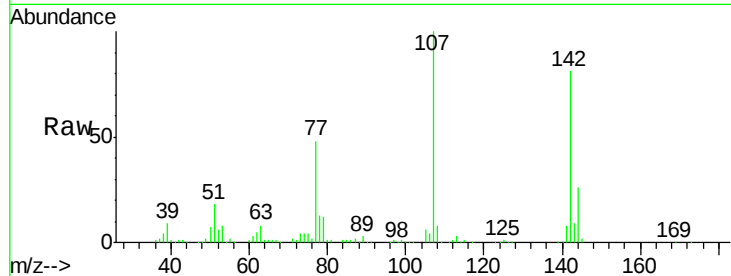
#36
4-Chloro-3-methylphenol
Concen: 44.59 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	223162		
144	26.2	20.8	31.2	
142	81.1	63.4	95.2	

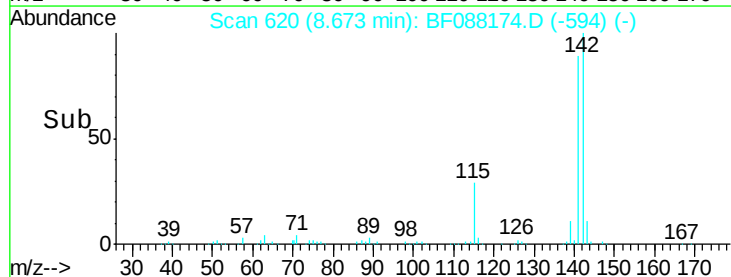
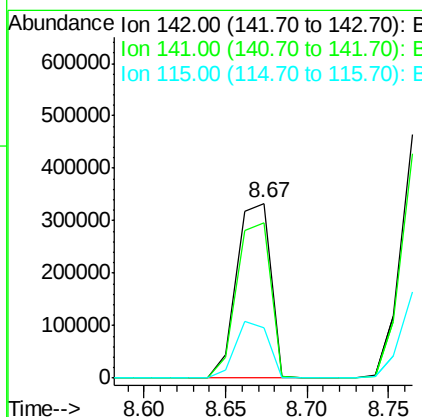
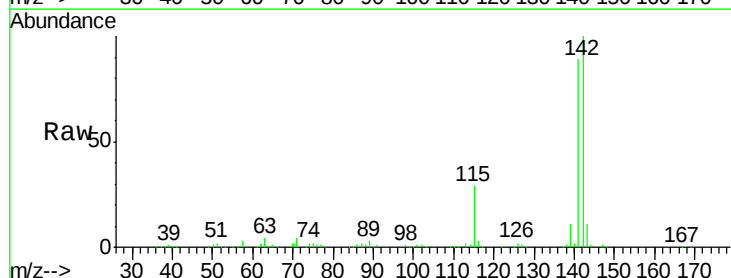
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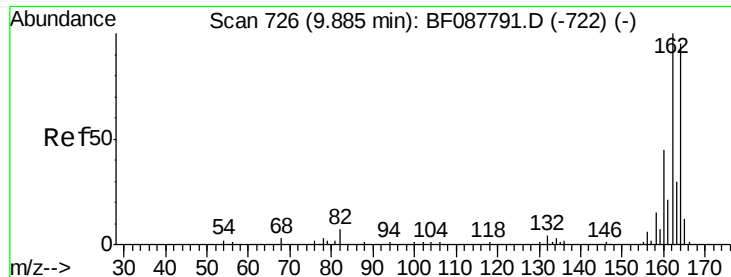
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#37
2-Methylnaphthalene
Concen: 42.99 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	480383		
141	89.1	71.0	106.6	
115	28.8	22.6	33.8	





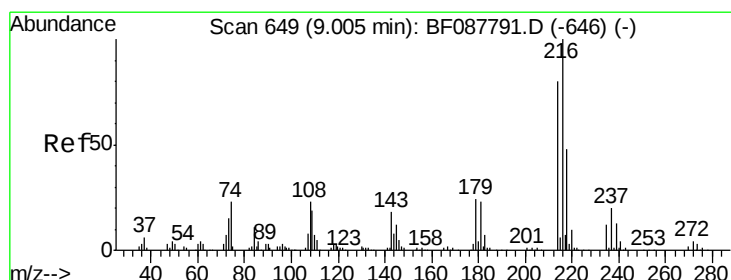
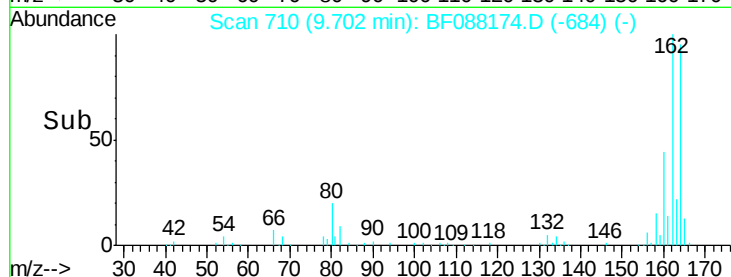
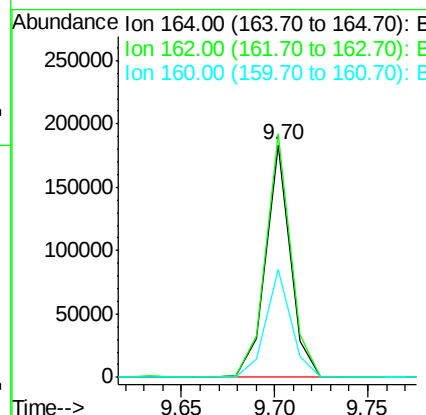
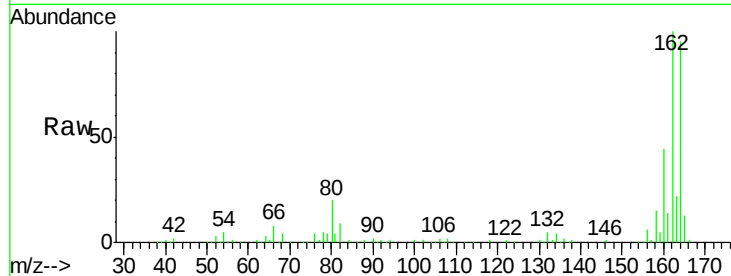
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.2
160	46.4	39.5	59.3

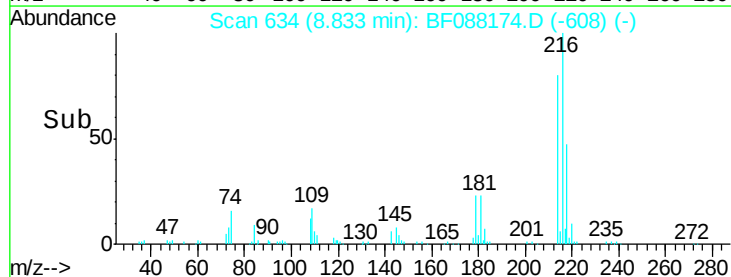
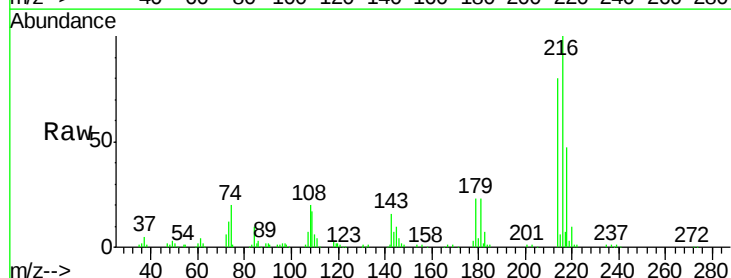
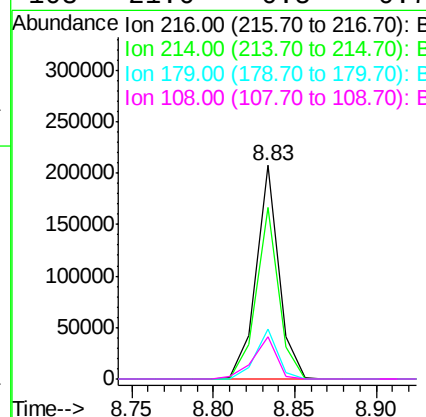
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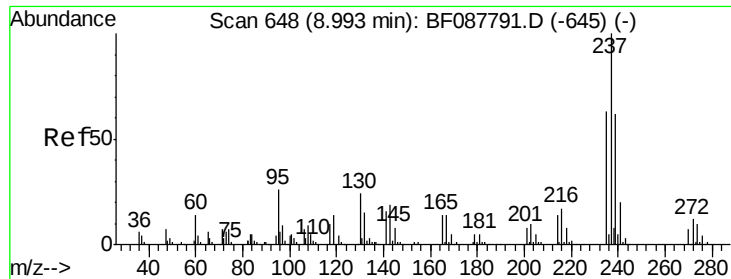
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.24 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	2.9	4.3#
179	22.6	0.0	0.0#
108	21.6	0.5	0.7#





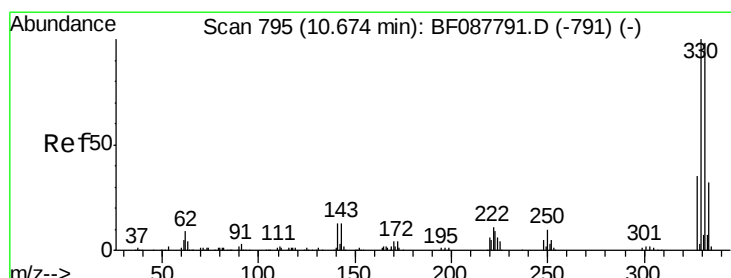
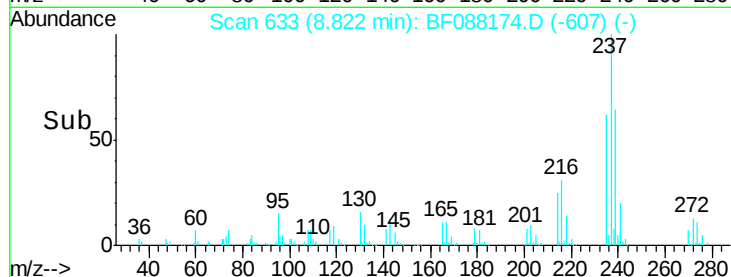
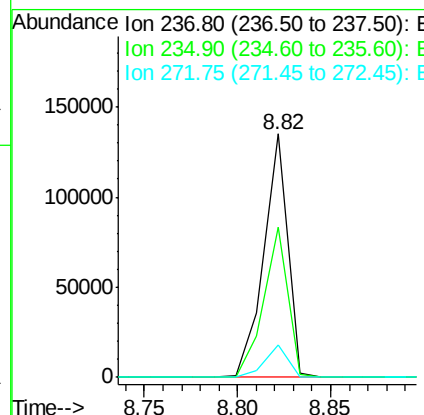
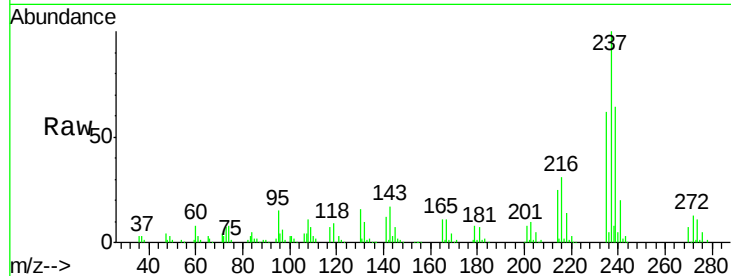
#40
Hexachlorocyclopentadiene
Concen: 44.09 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	43.4	83.4
272	13.4	0.0	32.3

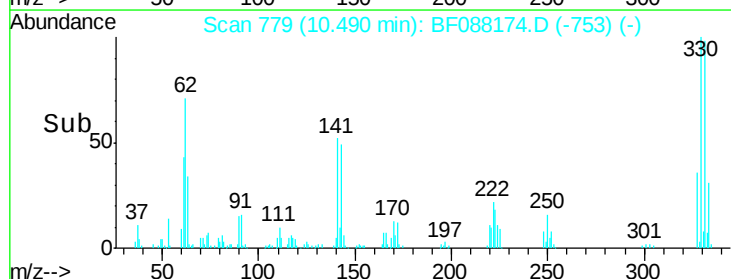
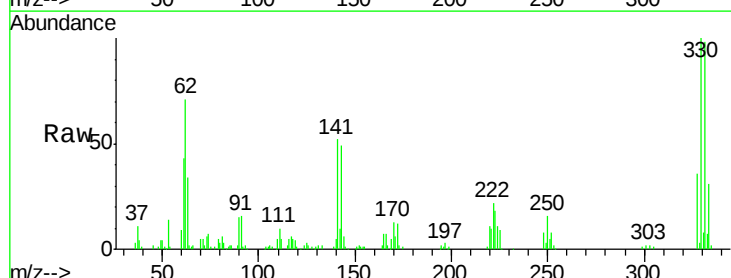
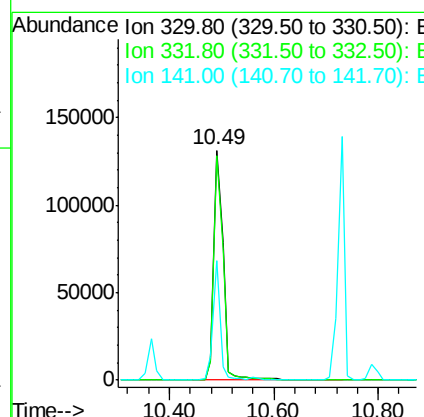
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#41
2,4,6-Tribromophenol
Concen: 92.92 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.8	0.0	0.0#





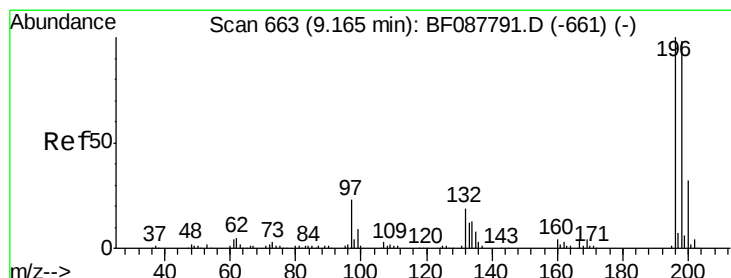
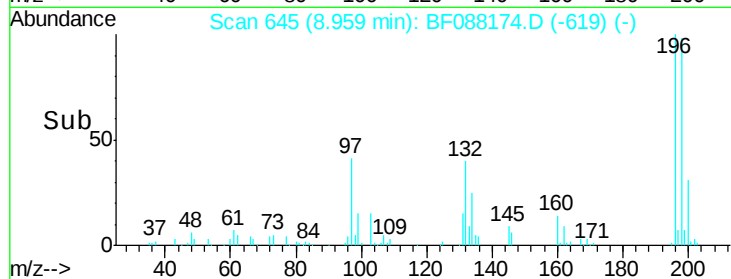
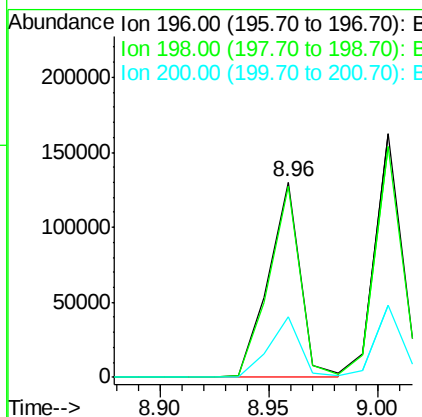
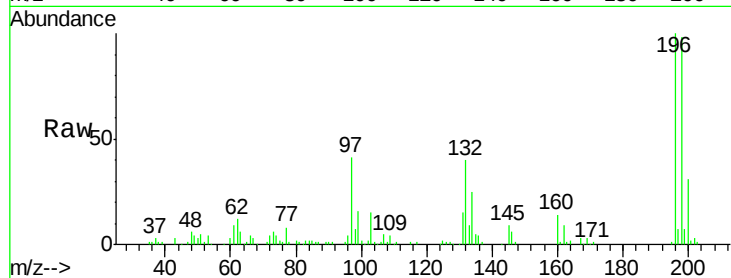
#42
2,4,6-Trichlorophenol
Concen: 39.90 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	133933		
198	98.0	78.0	117.0	
200	31.1	25.4	38.2	

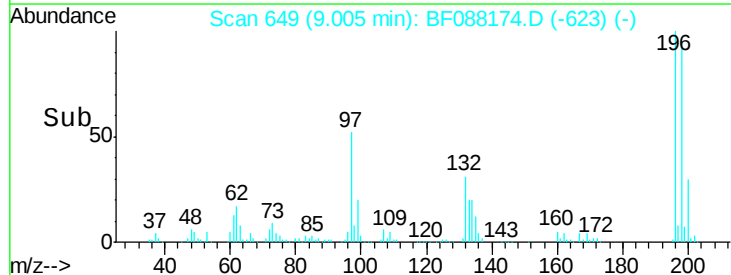
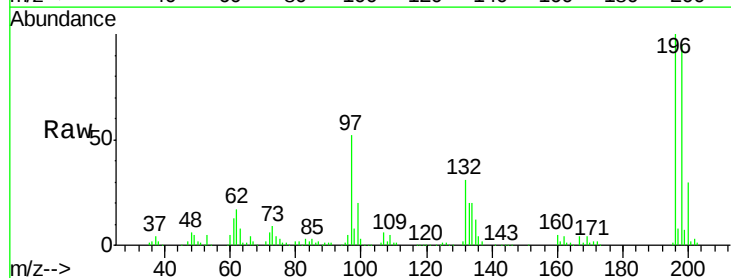
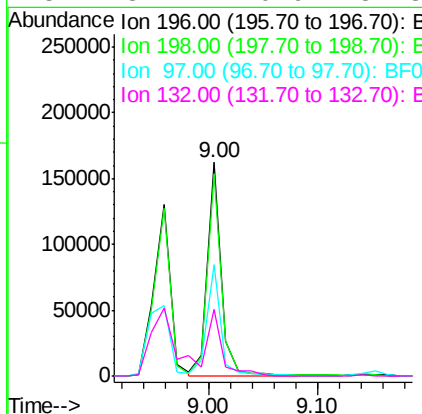
Manual Integrations
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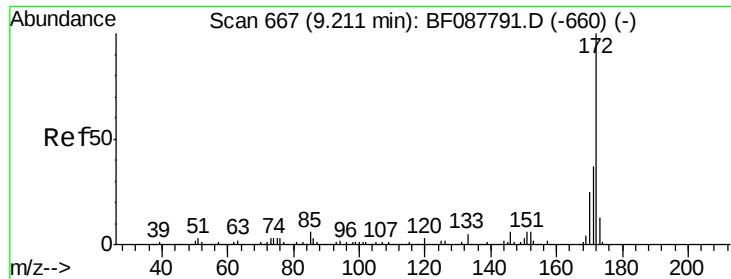
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#43
2,4,5-Trichlorophenol
Concen: 41.65 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145473		
198	94.6	77.5	116.3	
97	52.1	32.0	48.0	
132	31.2	20.9	31.3	





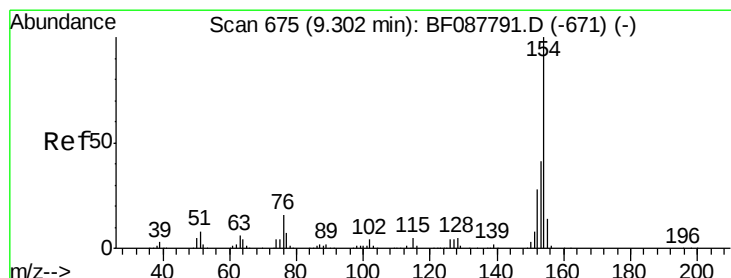
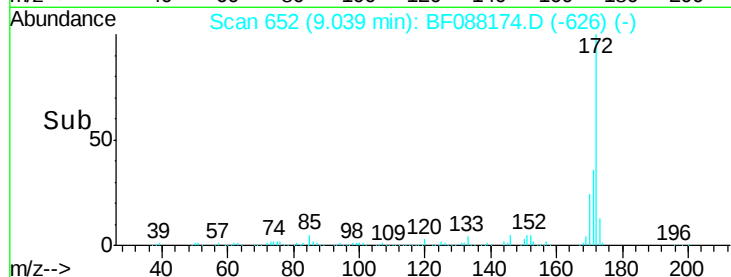
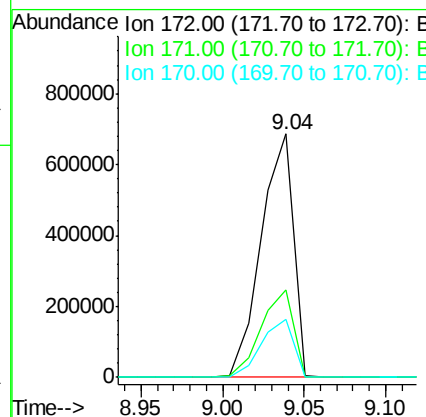
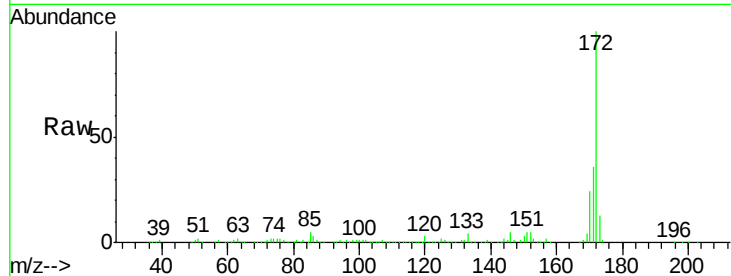
#44
2-Fluorobiphenyl
Concen: 88.62 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	944433		
171	35.9	28.6	43.0	
170	23.8	19.2	28.8	

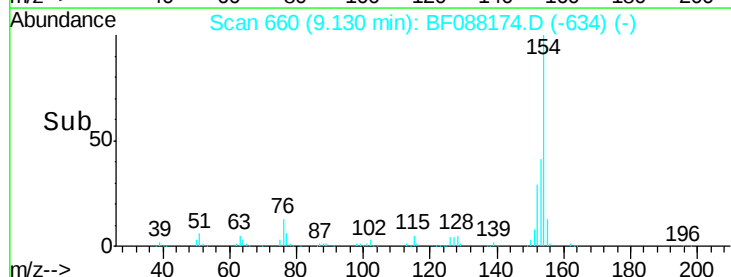
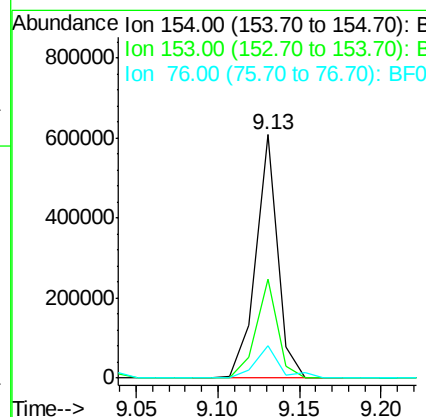
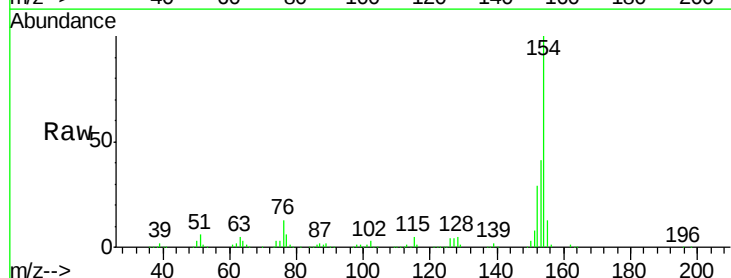
Manual Integrations
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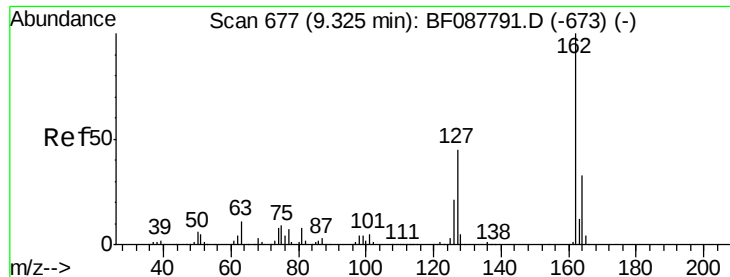
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#45
1,1'-Biphenyl
Concen: 44.88 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	565765		
153	40.9	20.6	60.6	
76	13.3	0.0	35.1	





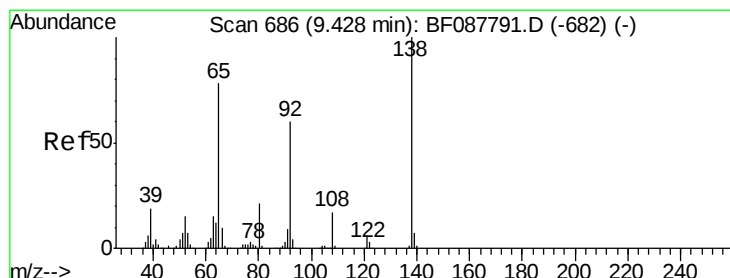
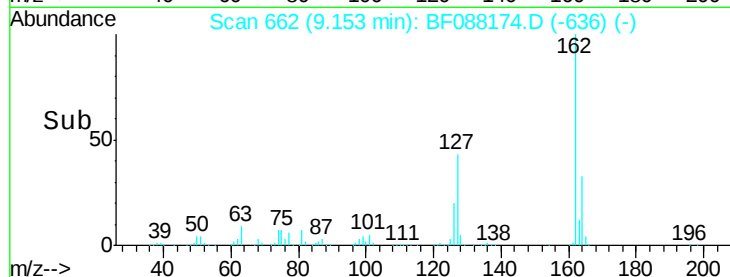
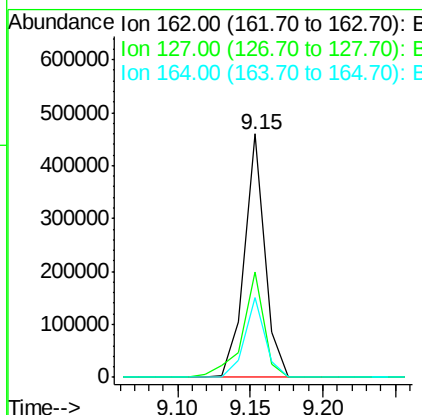
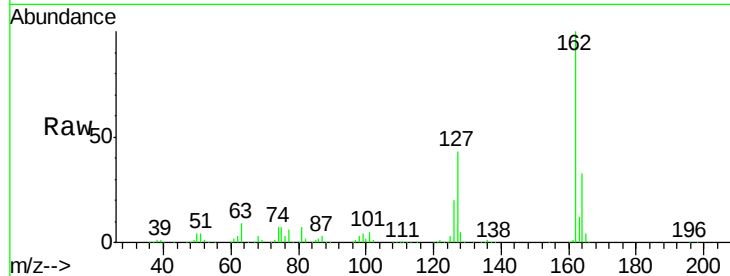
#46
2-Chloronaphthalene
Concen: 41.38 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	449460		
127	43.1	35.2	52.8	
164	33.0	26.6	39.8	

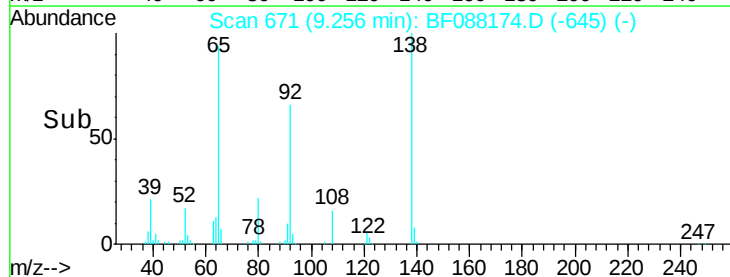
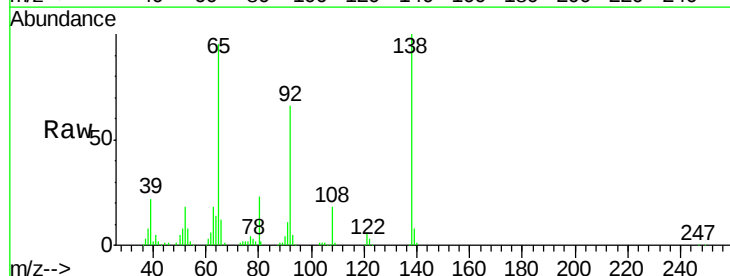
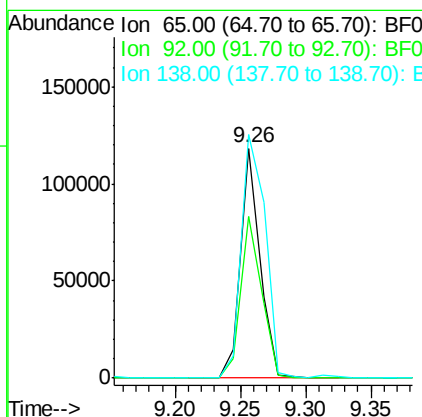
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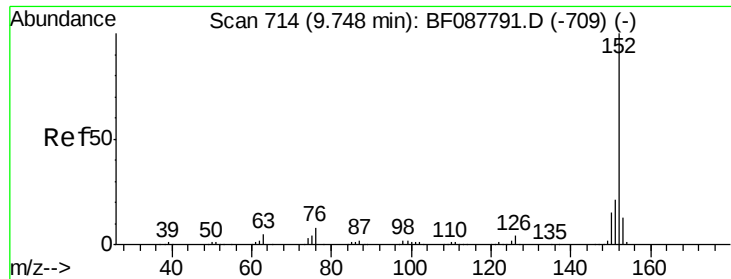
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#47
2-Nitroaniline
Concen: 38.21 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	122438		
92	70.0	54.6	82.0	
138	105.8	77.0	115.4	





#48

Acenaphthylene

Concen: 38.01 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

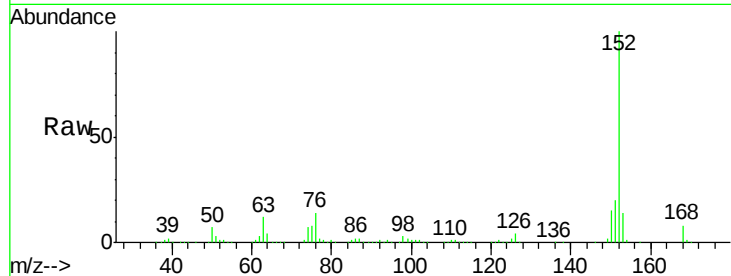
ClientSampleId :

PB91373BS

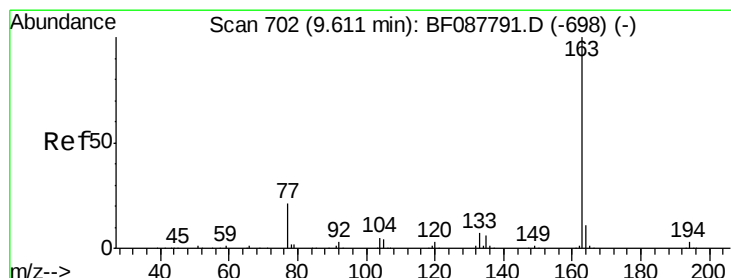
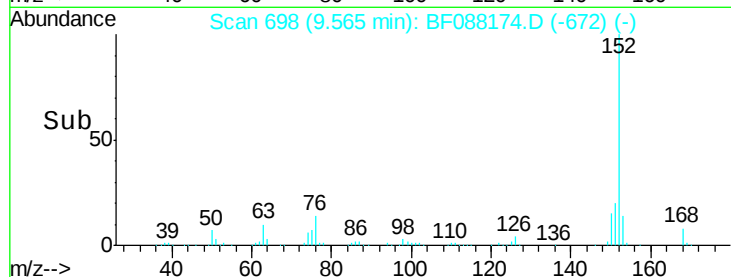
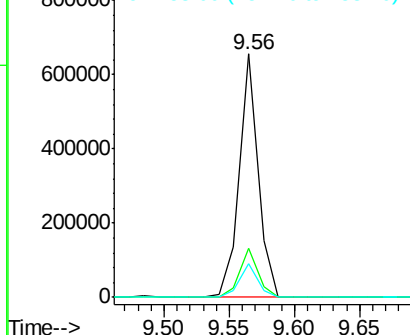
Tot Ion:	152	Resp:	656800
Ion Ratio		Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.6	11.0	16.6

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



#49

Dimethylphthalate

Concen: 43.47 ng

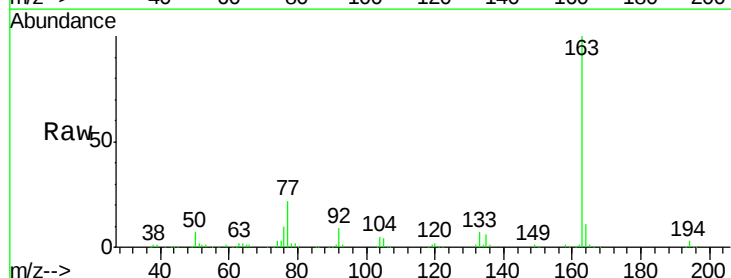
RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

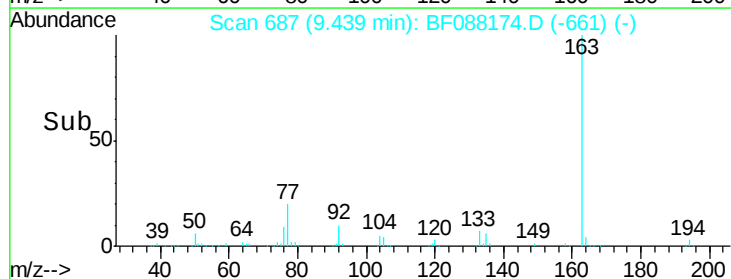
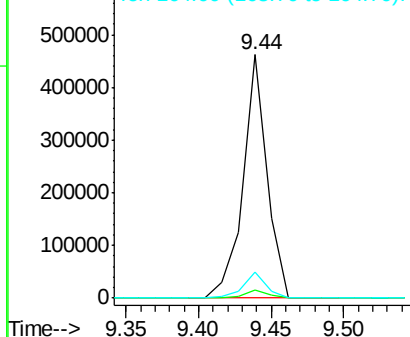
Lab File: BF088174.D

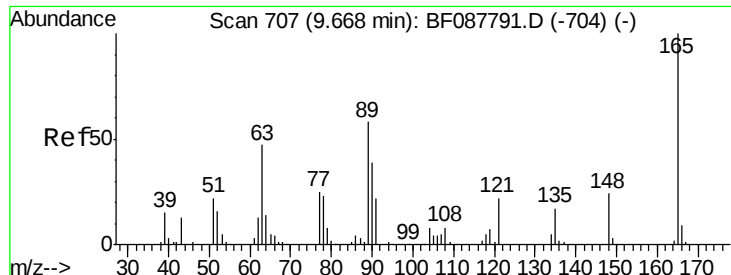
Acq: 20 Jun 2016 16:02

Tgt Ion:	163	Resp:	528586
Ion Ratio		Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.6	8.3	12.5



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





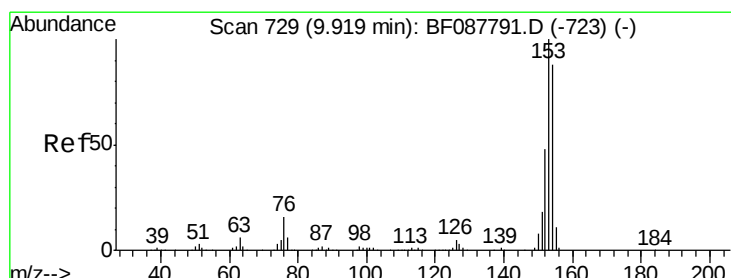
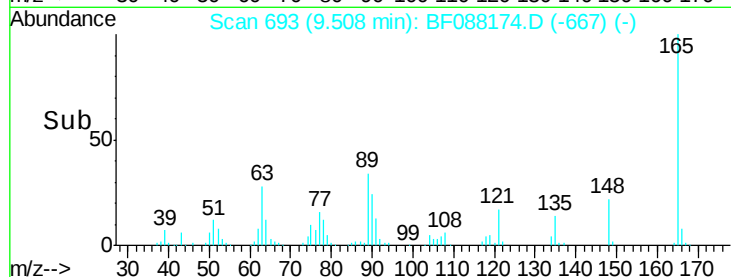
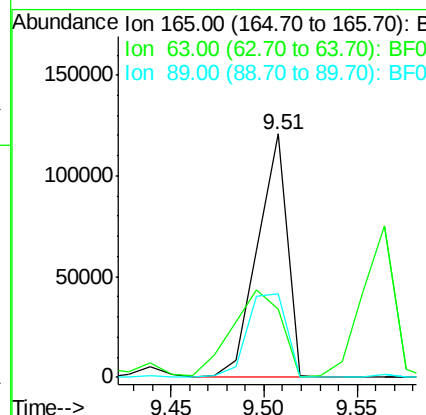
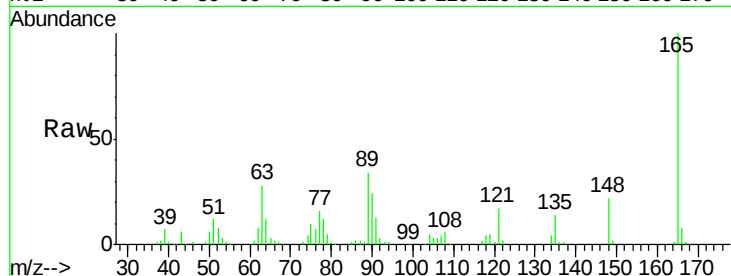
#50
2,6-Dinitrotoluene
Concen: 47.86 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	28.1	28.1	42.1
89	34.1	32.2	48.2

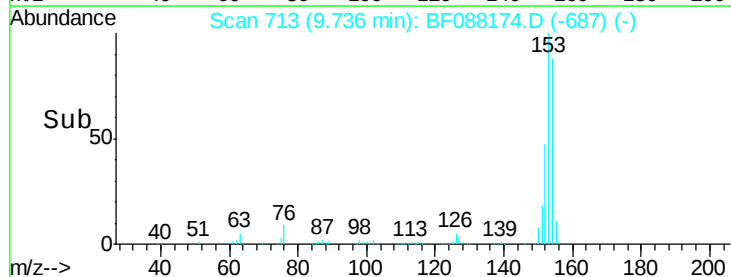
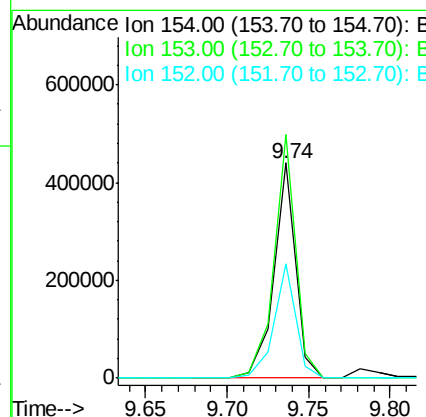
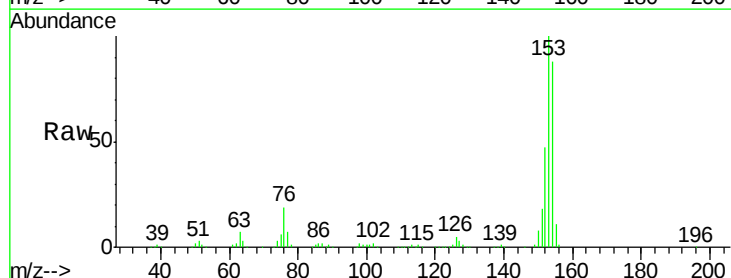
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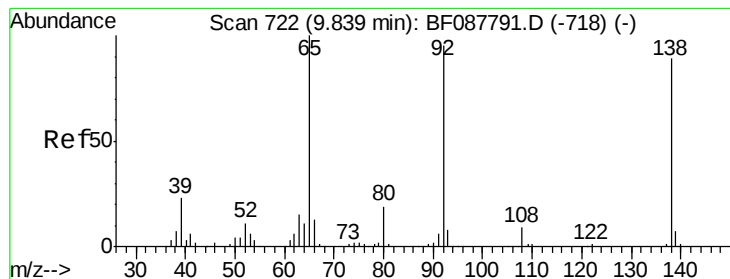
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#51
Acenaphthene
Concen: 37.80 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	89.5	134.3
152	53.4	42.7	64.1





#52

3-Nitroaniline

Concen: 24.03 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

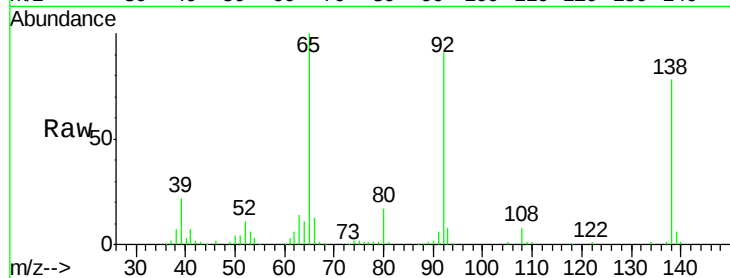
ClientSampleId :

PB91373BS

Tot Ion:138	Resp:	77204
Ion Ratio	Lower	Upper
138	100	
108	10.3	8.5 12.7
92	115.5	95.7 143.5

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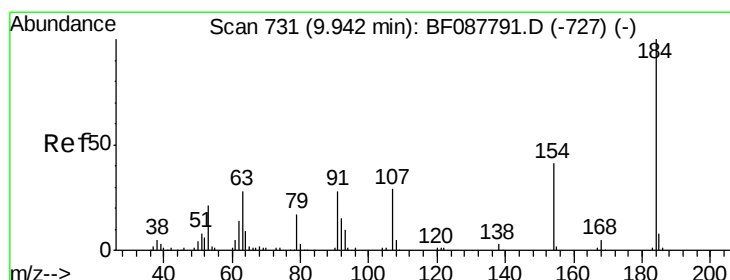
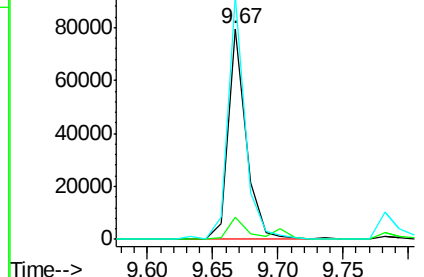
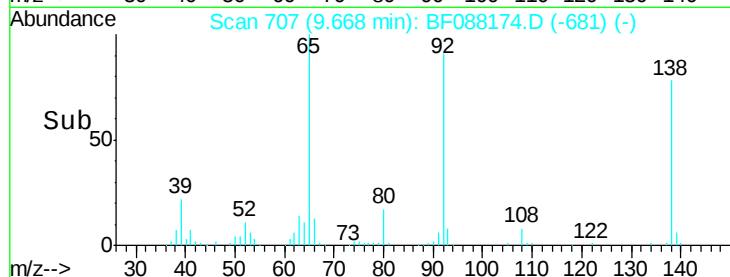
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 34.76 ng

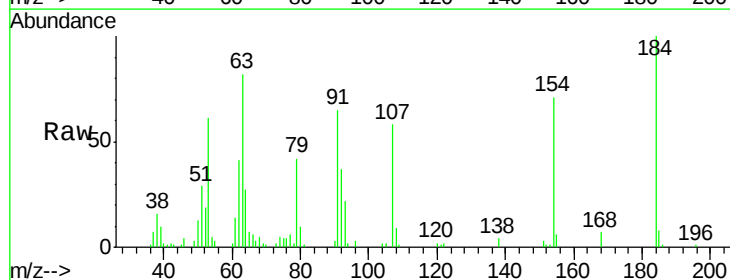
RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

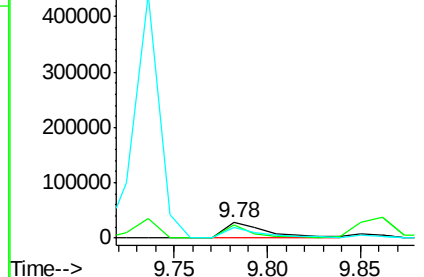
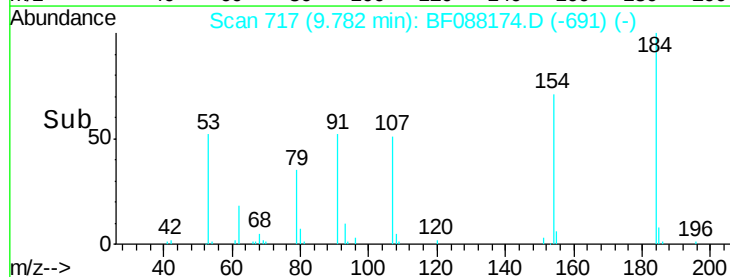
Tgt Ion:184	Resp:	44011
Ion Ratio	Lower	Upper
184	100	
63	82.1	57.6 86.4
154	71.1	53.5 80.3

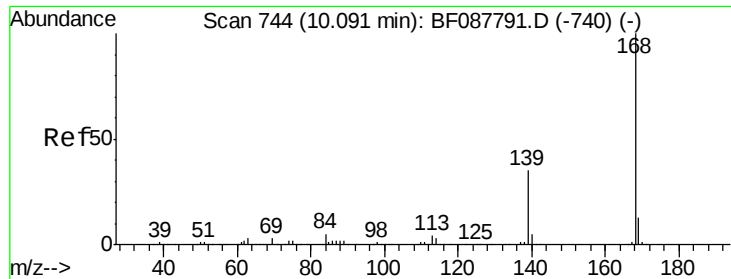


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 37.89 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

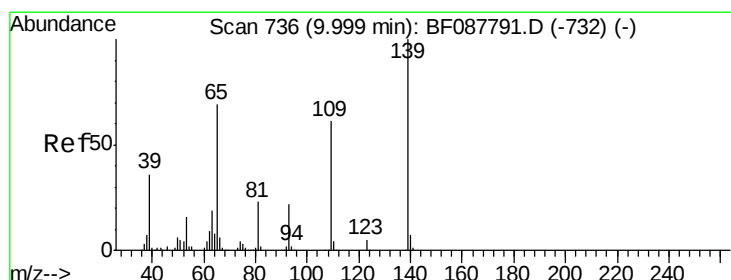
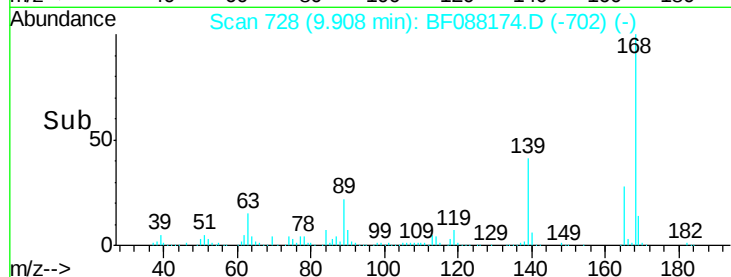
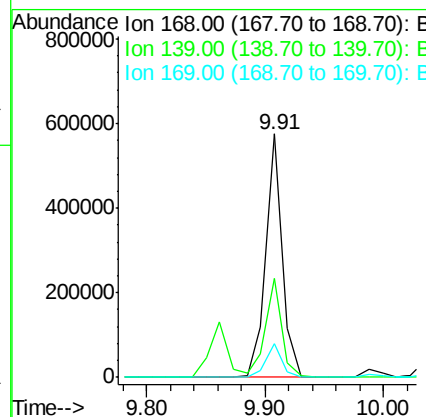
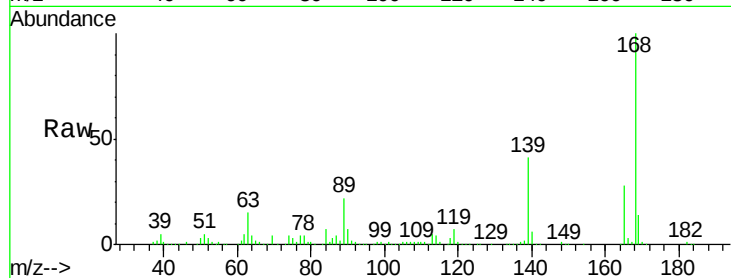
ClientSampleId :

PB91373BS

Tot Ion:	168	Resp:	562410
Ion Ratio	Lower	Upper	
168	100		
139	40.7	26.4	39.6#
169	13.6	10.4	15.6

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#55

4-Nitrophenol

Concen: 57.09 ng

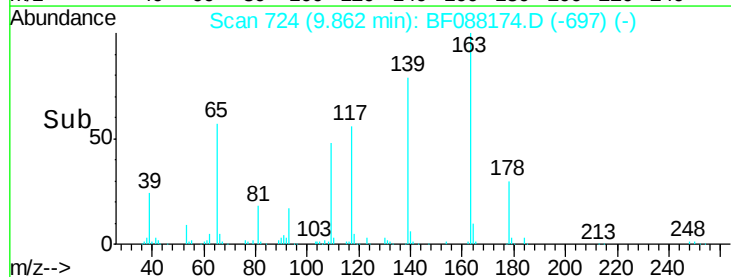
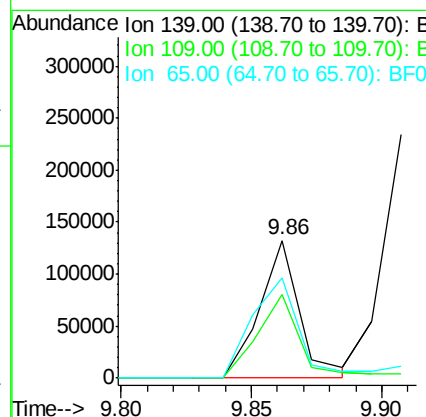
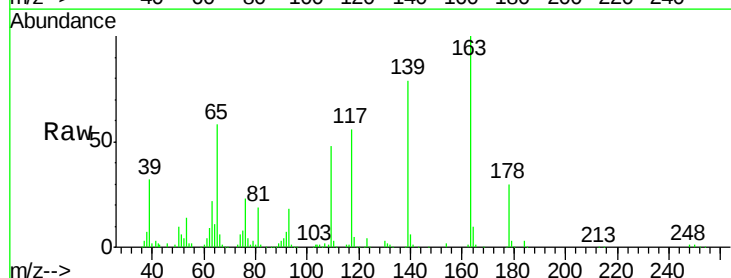
RT: 9.86 min Scan# 724

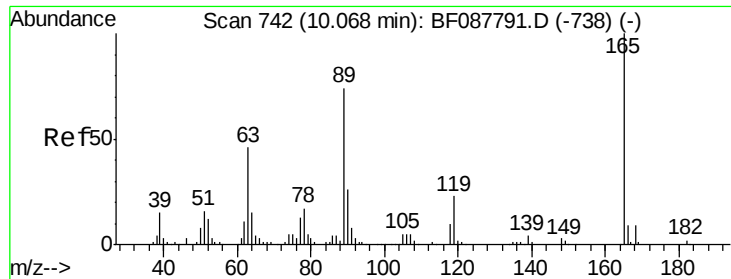
Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:	139	Resp:	142380
Ion Ratio	Lower	Upper	
139	100		
109	60.6	48.9	88.9
65	73.0	84.9	124.9#





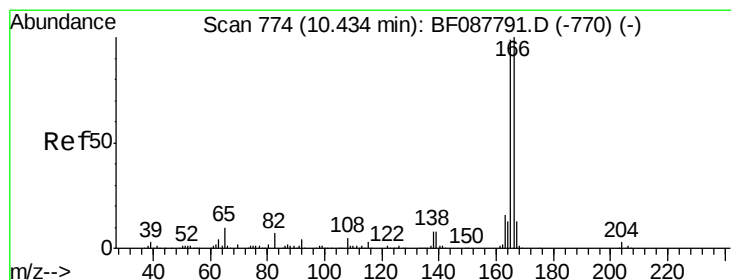
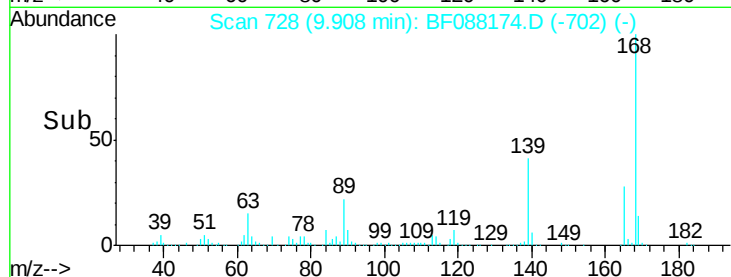
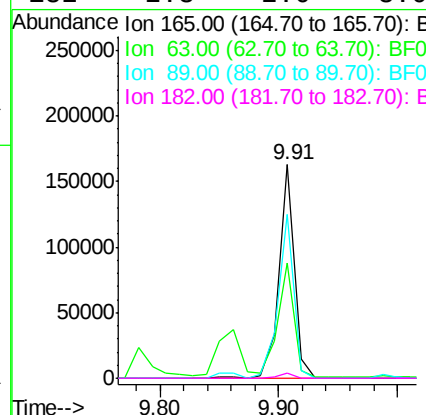
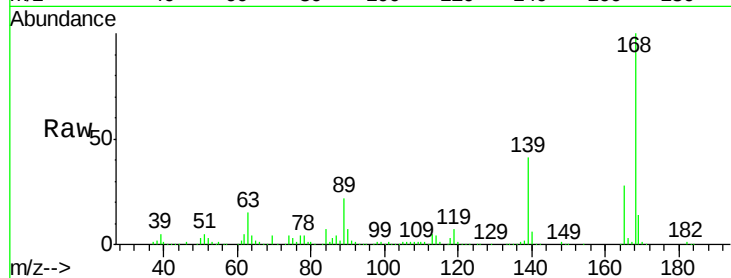
#56
2,4-Dinitrotoluene
Concen: 41.30 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		147823		
63	53.9	22.0	33.0#		
89	76.5	41.1	61.7#		
182	2.3	2.0	3.0		

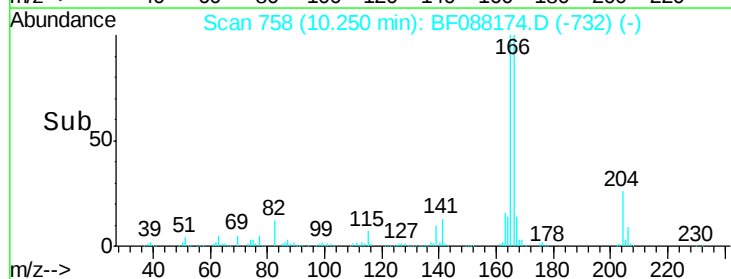
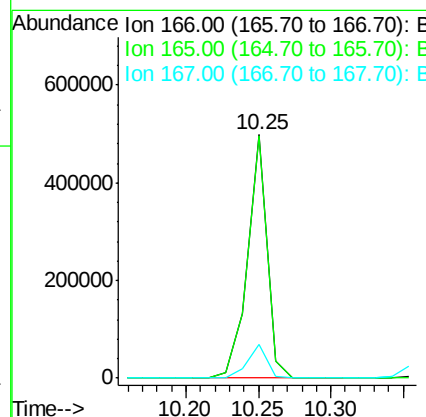
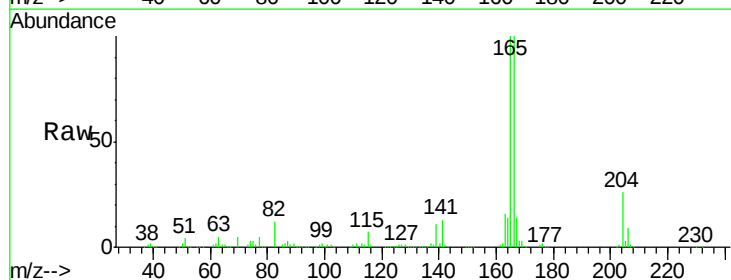
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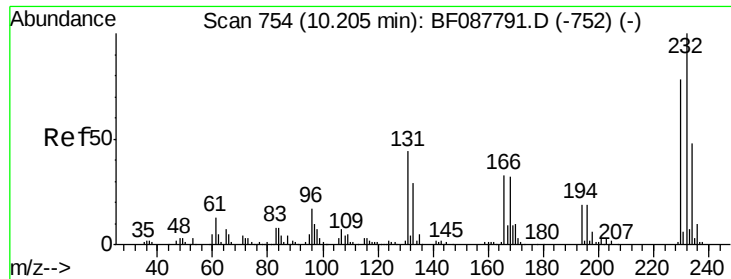
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#57
Fluorene
Concen: 46.68 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		466472		
165	99.6	77.8	116.8		
167	13.6	11.2	16.8		





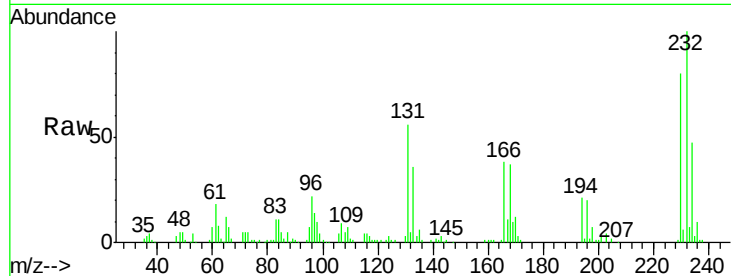
#58
2,3,4,6-Tetrachlorophenol
Concen: 38.38 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

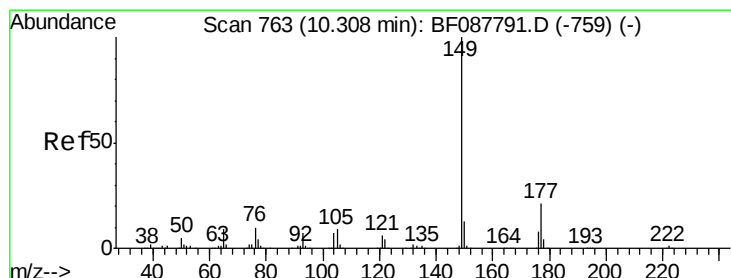
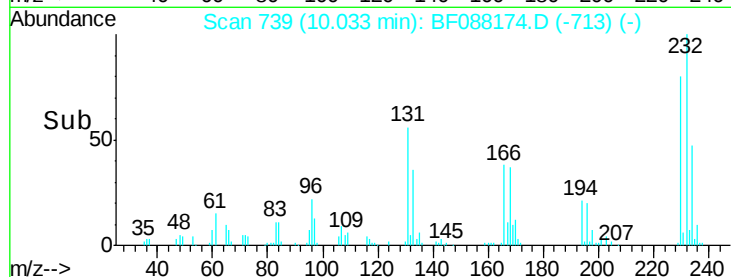
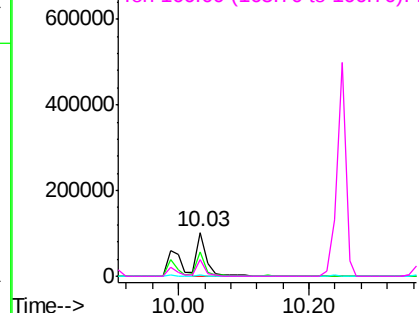
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	52.3	0.9	1.3#
130	2.3	1.5	2.3#
166	33.5	0.5	0.7#

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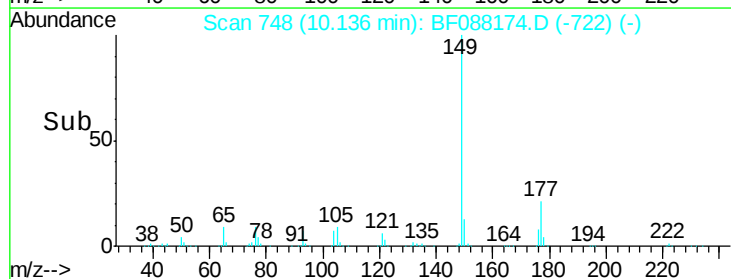
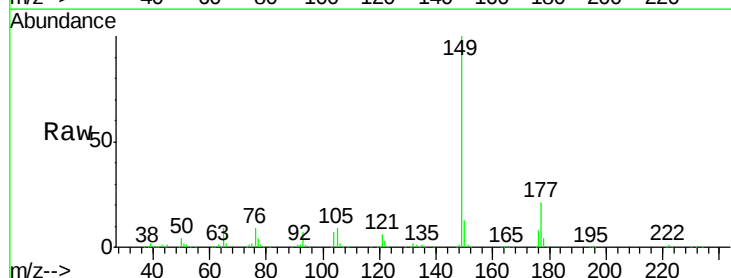
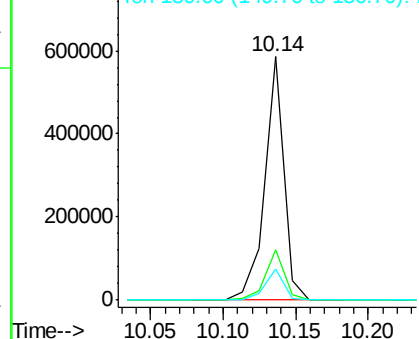
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

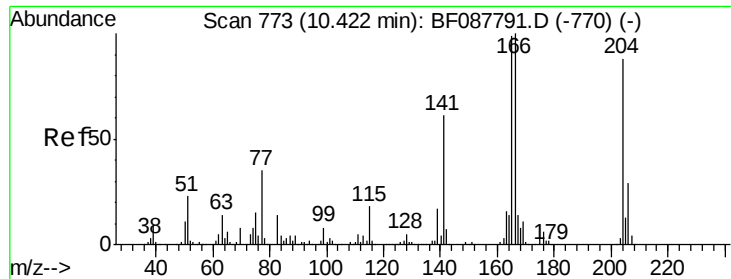


#59
Diethylphthalate
Concen: 43.37 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.6	16.9	25.3
150	12.6	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





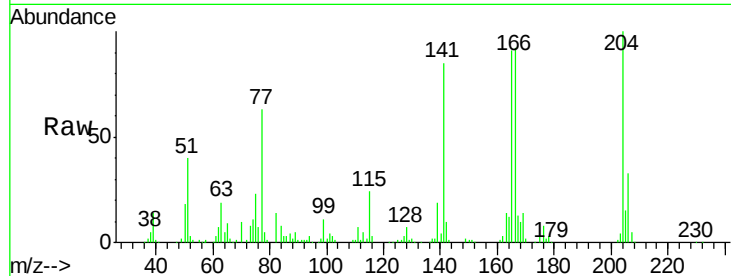
#60
4-Chlorophenyl-phenylether
Concen: 39.59 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

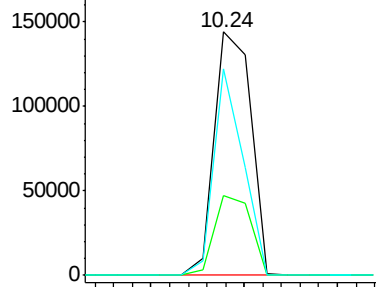
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	84.6	55.0	82.6

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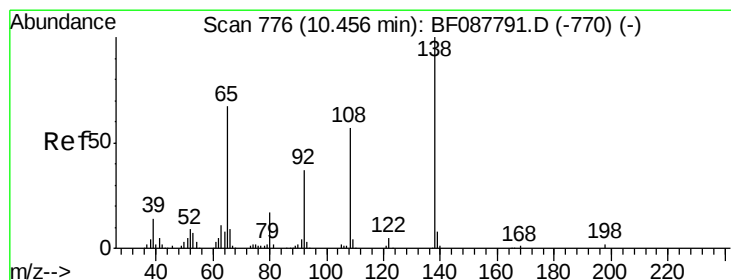
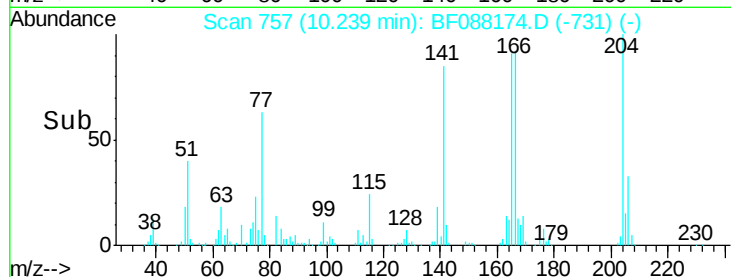
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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

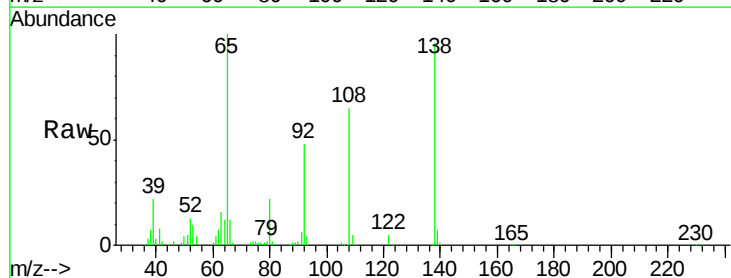


Time-->

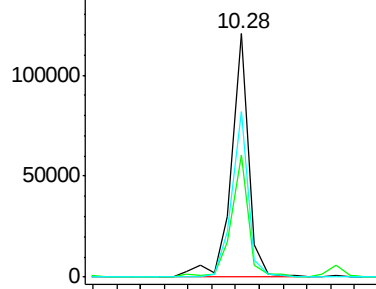


#61
4-Nitroaniline
Concen: 40.76 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

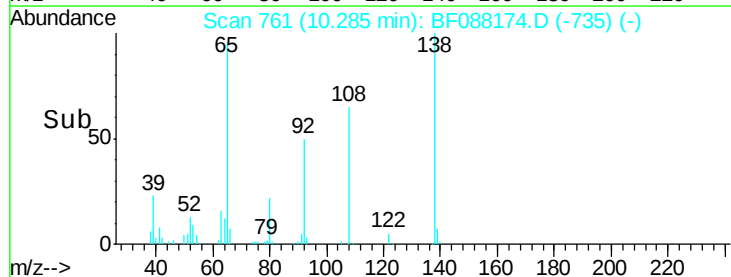
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	27.3	67.3
108	67.8	46.7	86.7

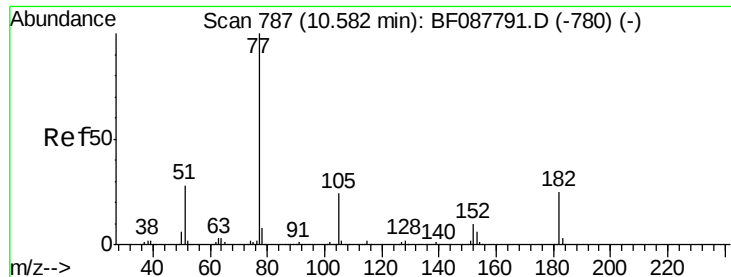


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



Time-->





#62

Azobenzene

Concen: 41.10 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

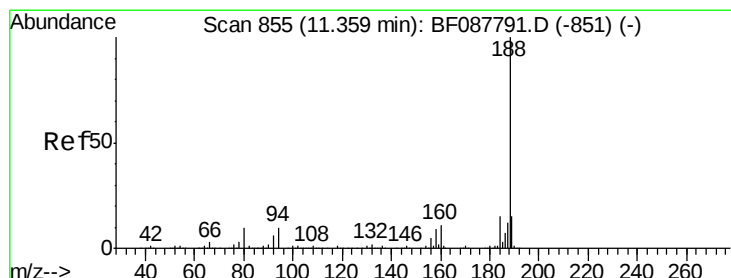
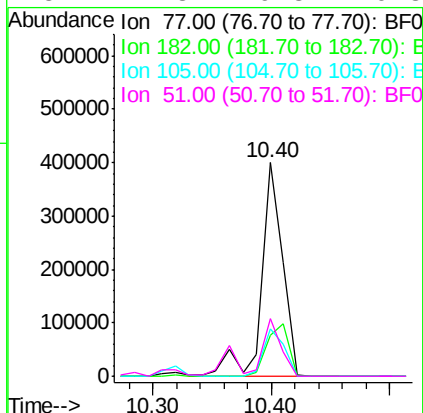
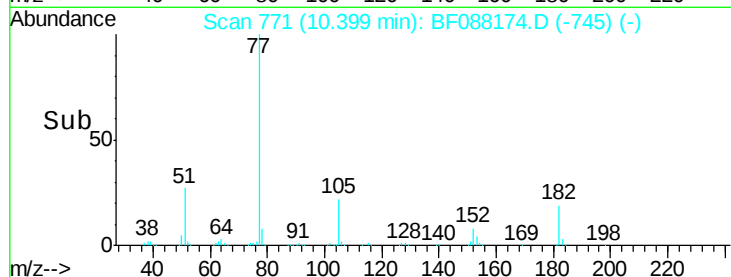
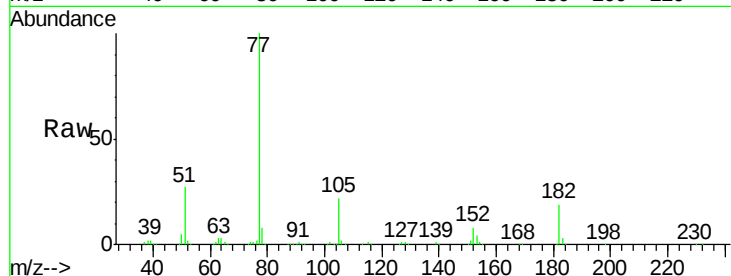
ClientSampleId :

PB91373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		500229		
182	19.0	4.4	44.4		
105	22.3	3.8	43.8		
51	27.3	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

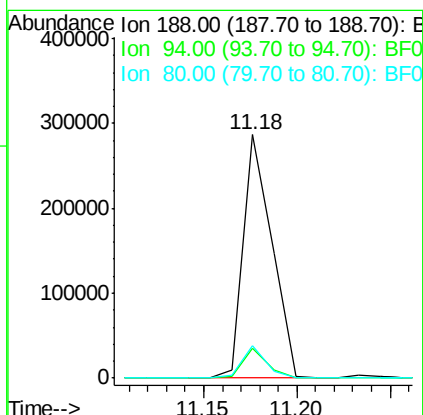
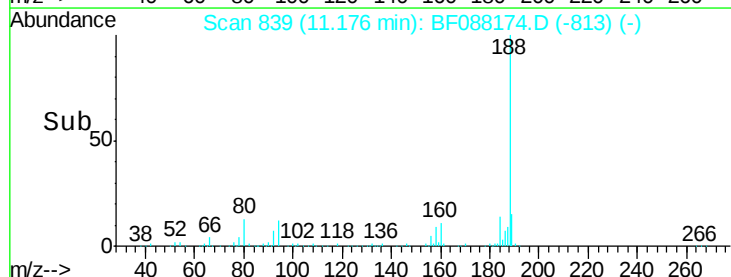
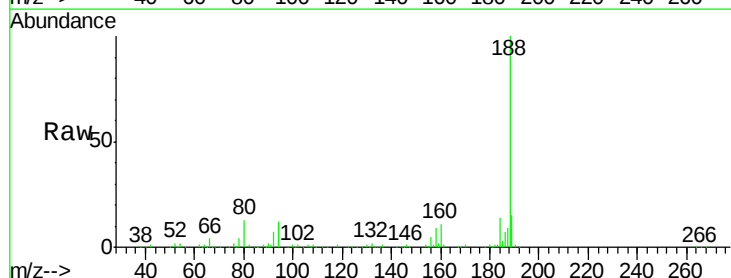
RT: 11.18 min Scan# 839

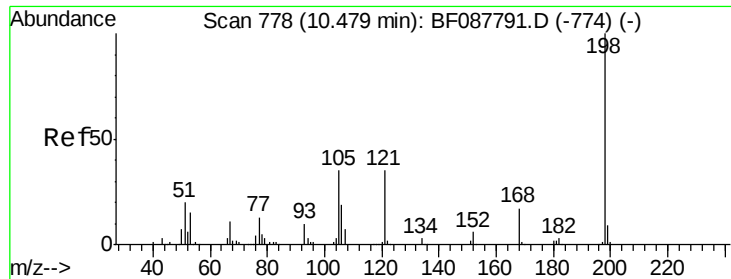
Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		306063		
94	12.2	9.0	13.6		
80	13.3	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 26.92 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

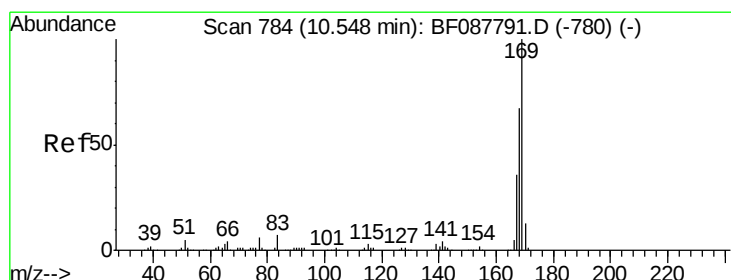
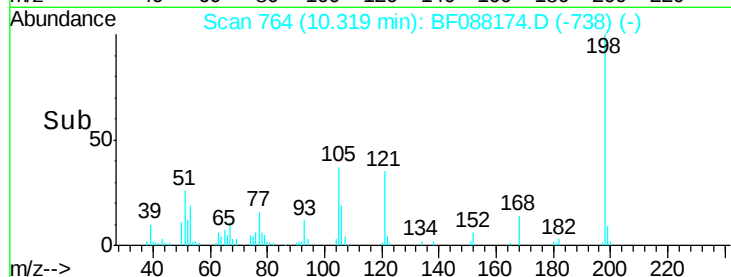
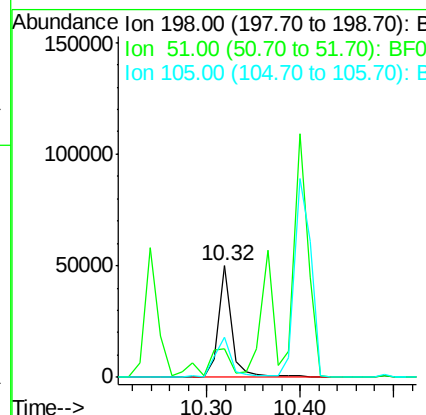
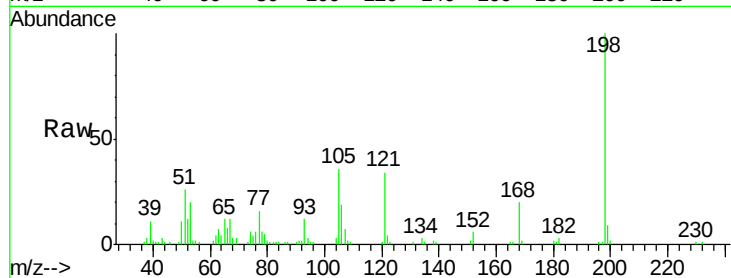
ClientSampleId :

PB91373BS

Tot Ion:	198	Resp:	49544
Ion Ratio	Lower	Upper	
198	100		
51	25.9	39.6	79.6#
105	36.4	36.6	76.6#

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#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

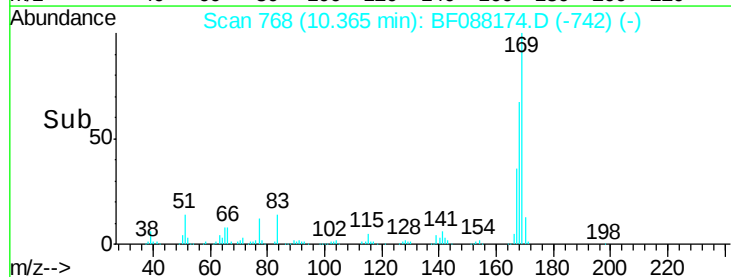
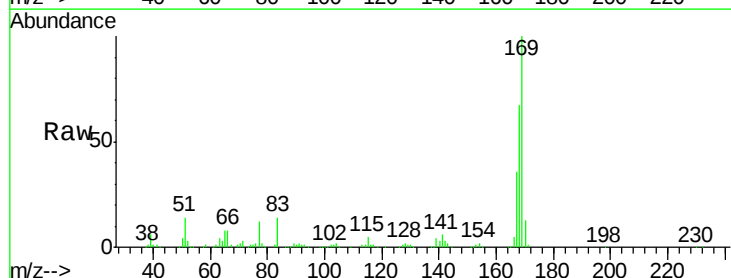
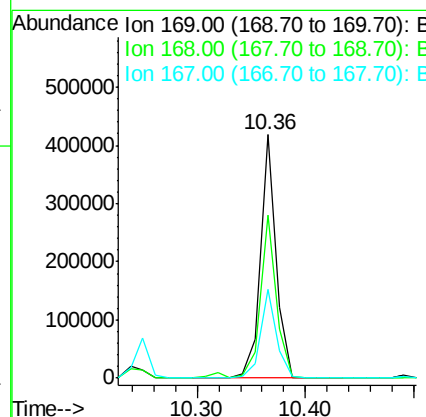
RT: 10.36 min Scan# 768

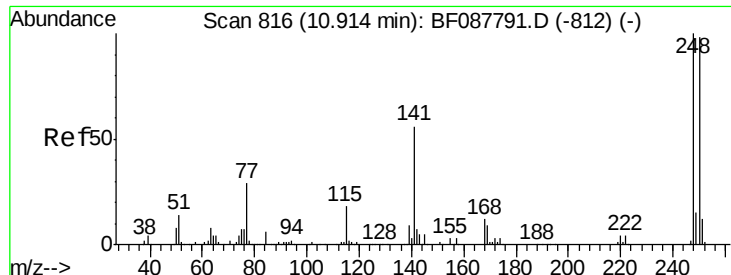
Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:	169	Resp:	422255
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.4	80.0
167	36.3	29.4	44.0





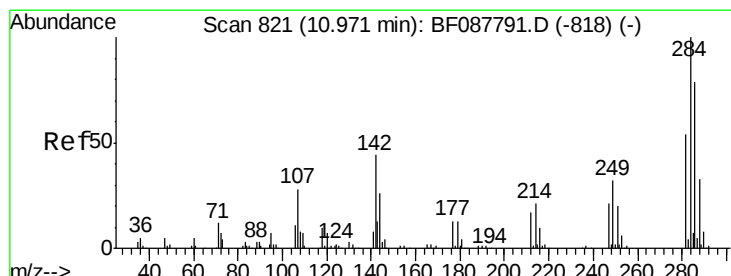
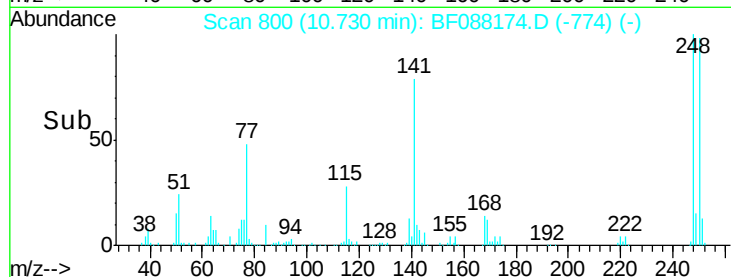
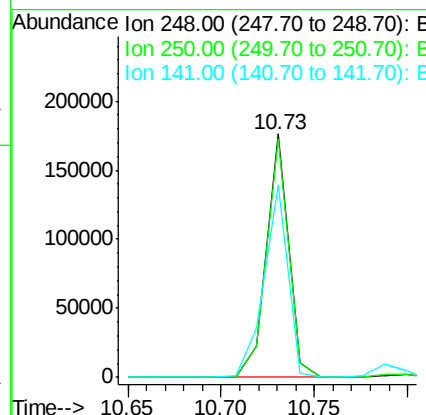
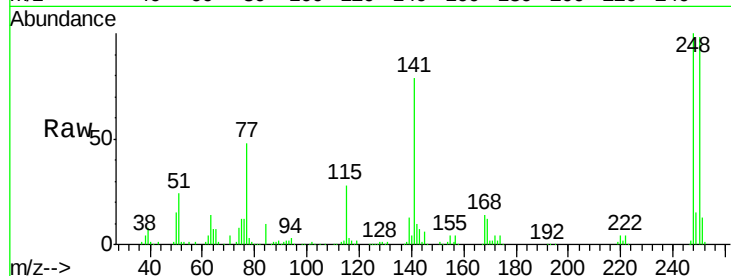
#66
 4-Bromophenyl-phenylether
 Concen: 43.96 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.1	115.7
141	78.9	50.6	76.0

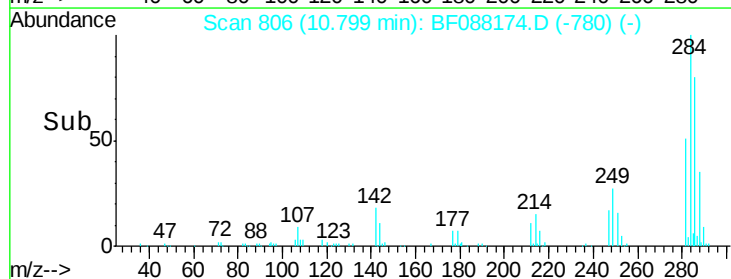
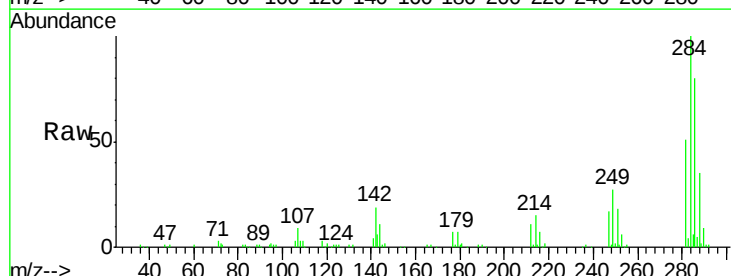
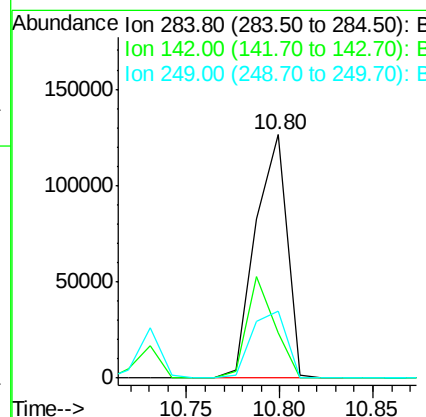
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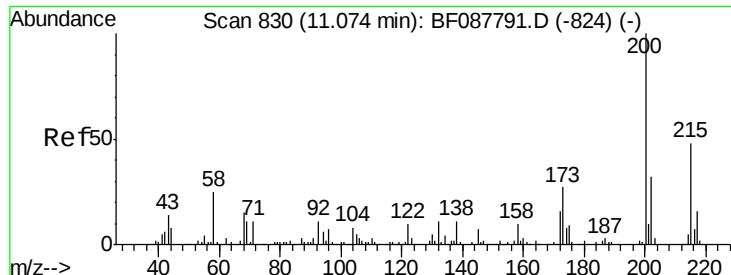
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#67
 Hexachlorobenzene
 Concen: 43.21 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	18.7	35.8	53.8
249	27.3	25.8	38.6





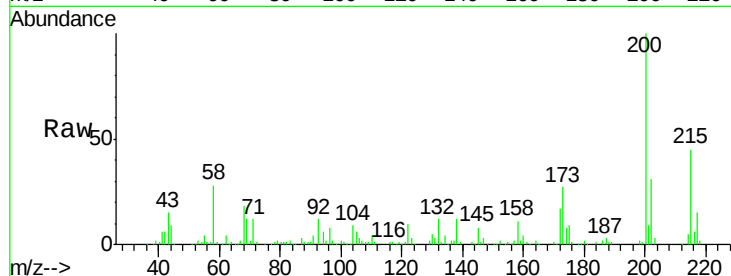
#68
Atrazine
Concen: 49.70 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

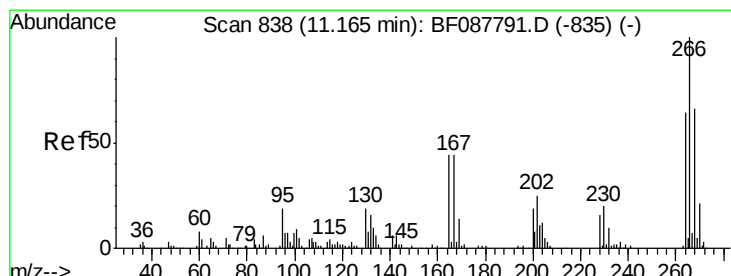
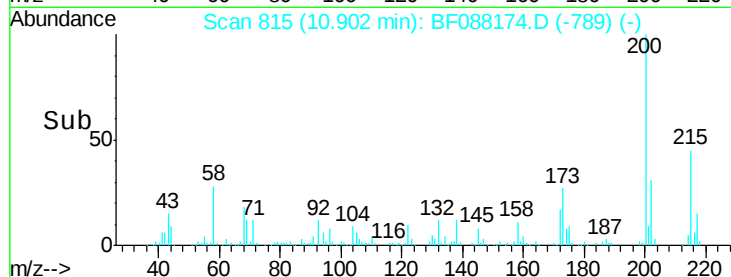
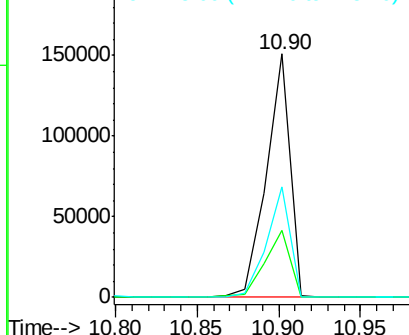
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	4.0	44.0
215	45.3	29.3	69.3

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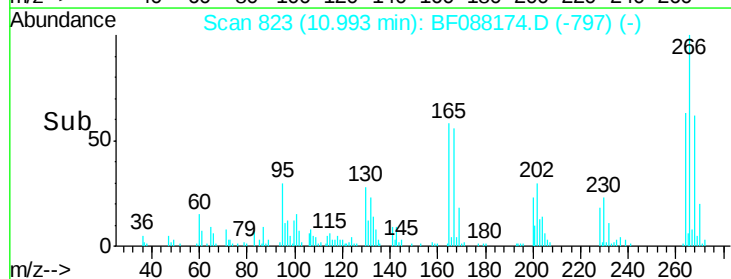
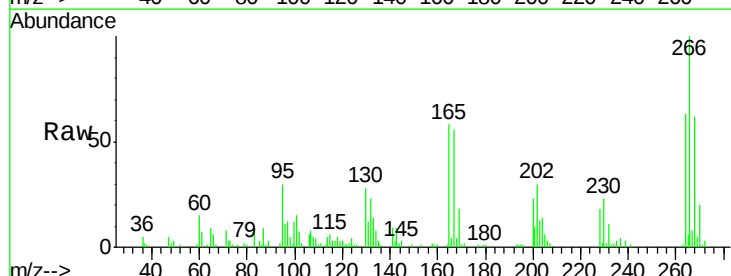
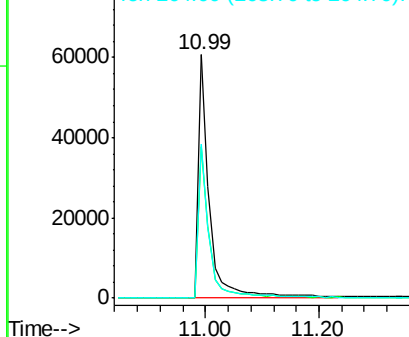
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

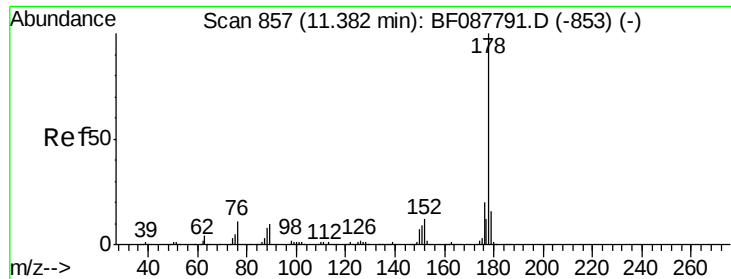


#69
Pentachlorophenol
Concen: 45.16 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.0	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: 45.08 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

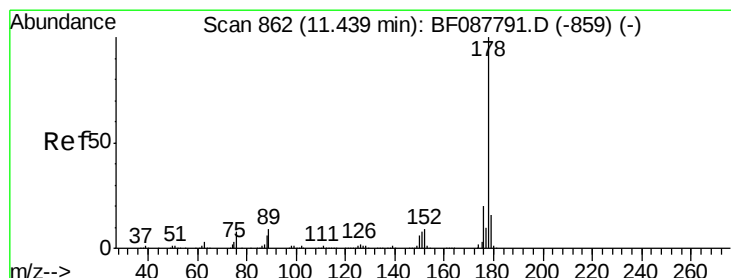
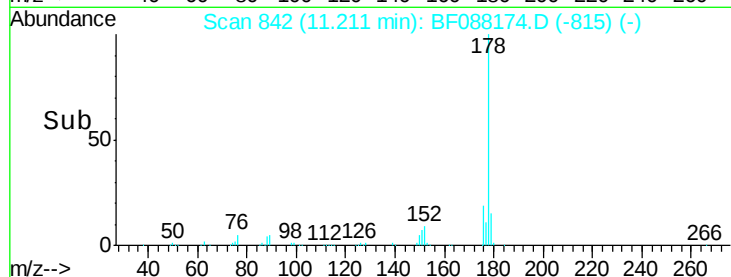
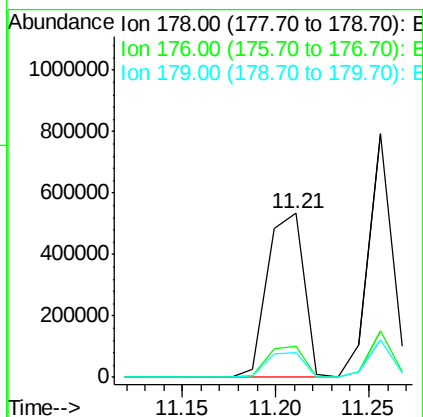
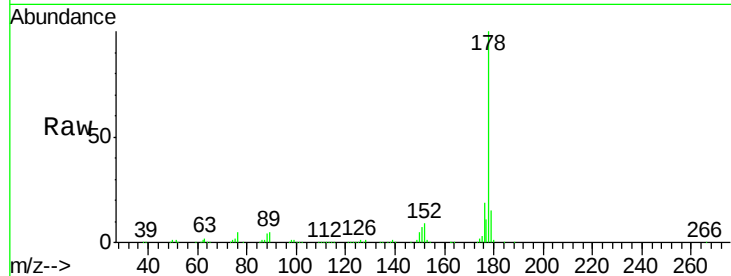
ClientSampleId :

PB91373BS

Tot Ion:178	Resp:	724070
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.8 23.6
179	15.0	13.0 19.4

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#71

Anthracene

Concen: 42.90 ng

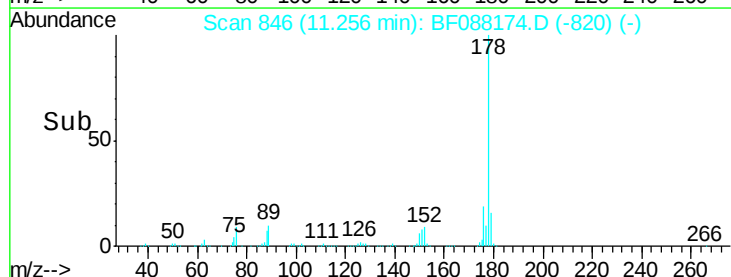
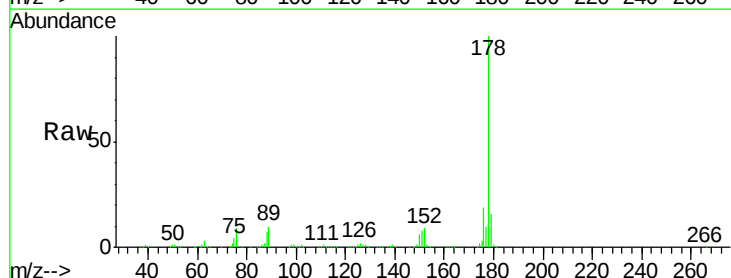
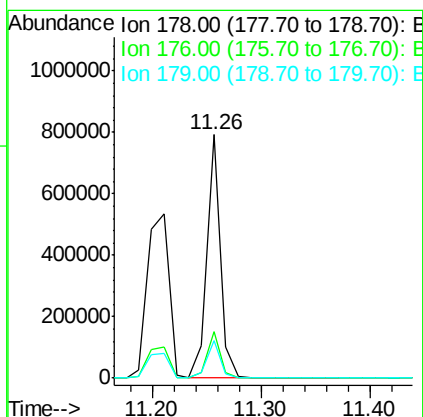
RT: 11.26 min Scan# 846

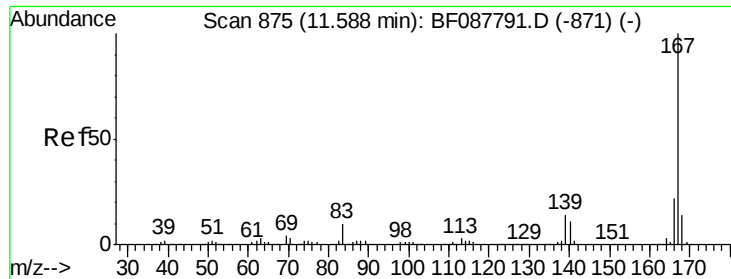
Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:178	Resp:	694919
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.6 23.4
179	15.6	12.8 19.2





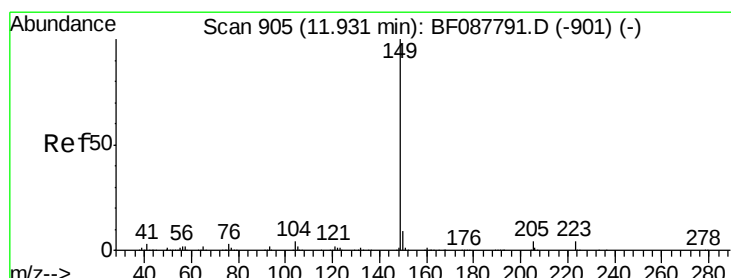
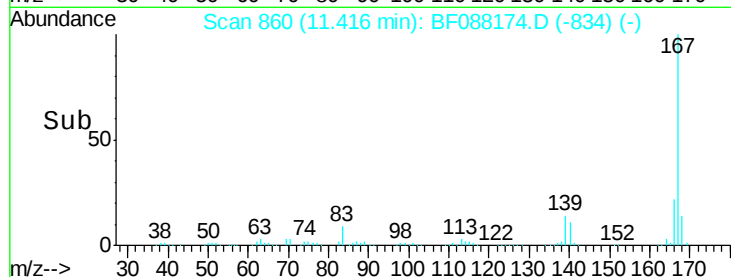
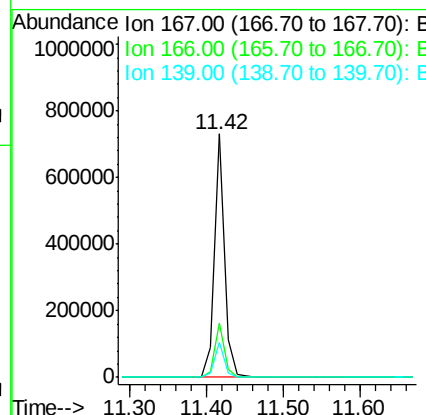
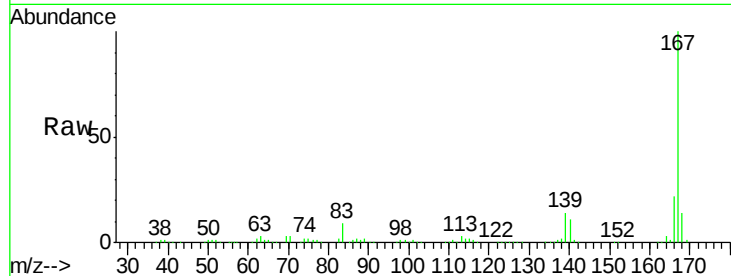
#72
 Carbazole
 Concen: 42.95 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	651180		
166	22.0		17.8	26.6
139	14.1		11.2	16.8

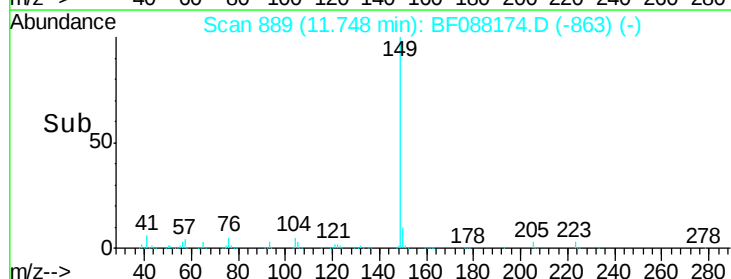
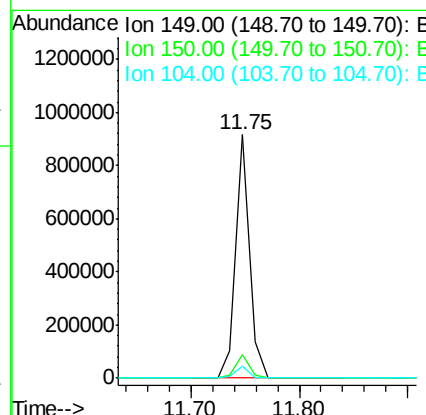
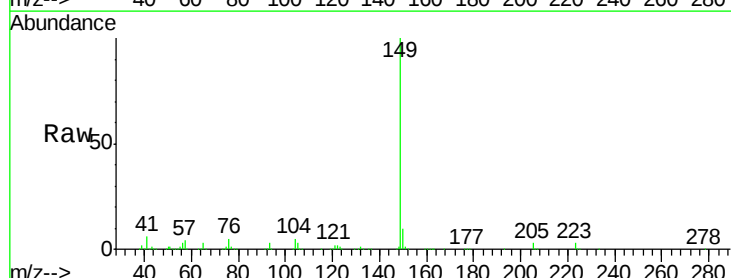
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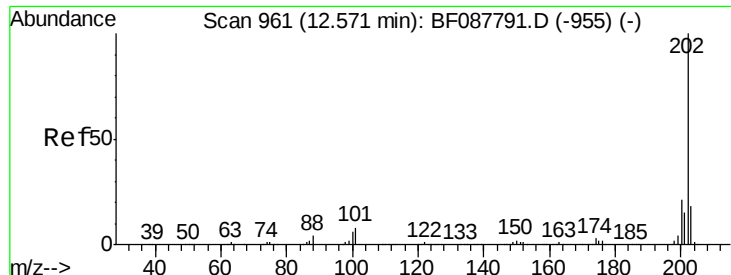
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#73
 Di-n-butylphthalate
 Concen: 41.52 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	796752		
150	9.7		7.8	11.6
104	4.9		4.0	6.0





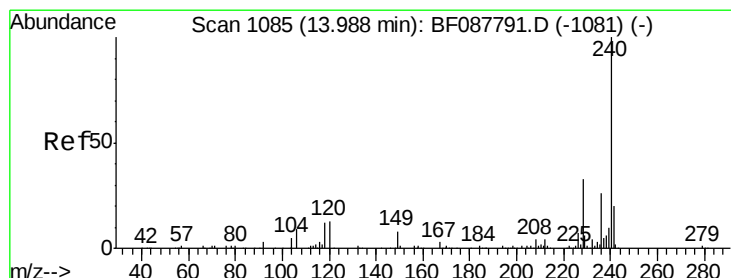
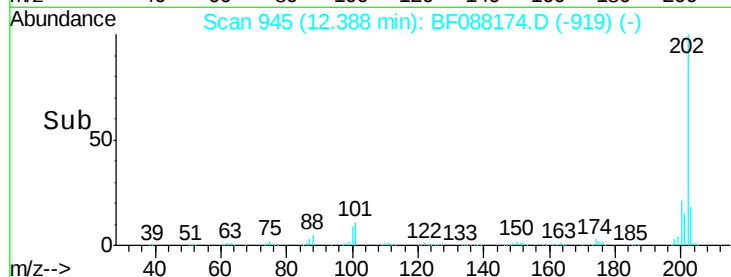
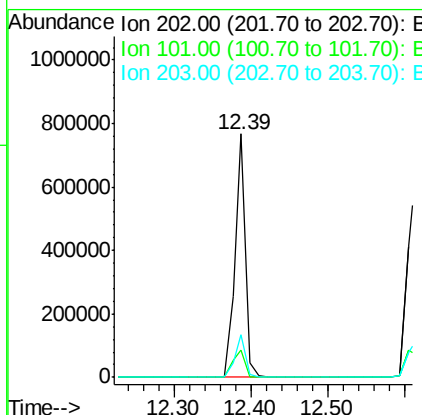
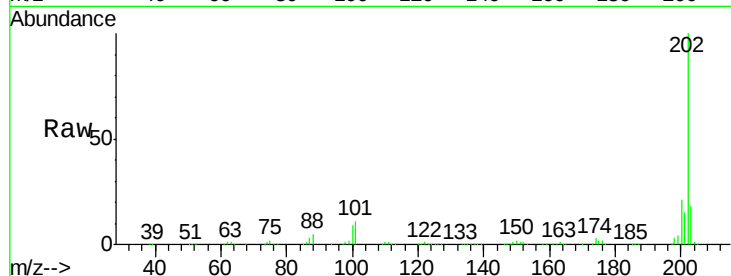
#74
Fluoranthene
 Concen: 43.52 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		737545		
101	11.3	0.0	33.1		
203	17.5	0.0	38.1		

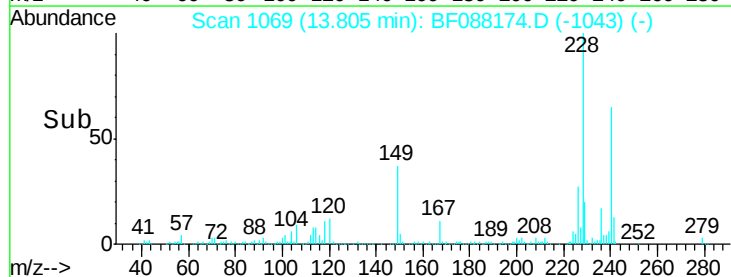
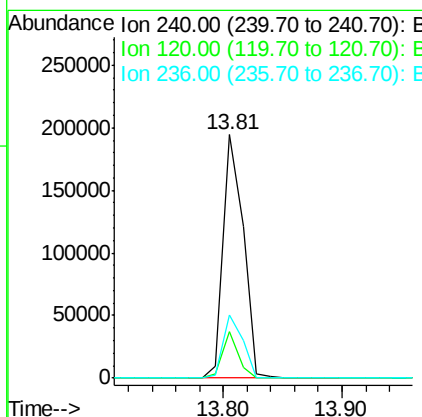
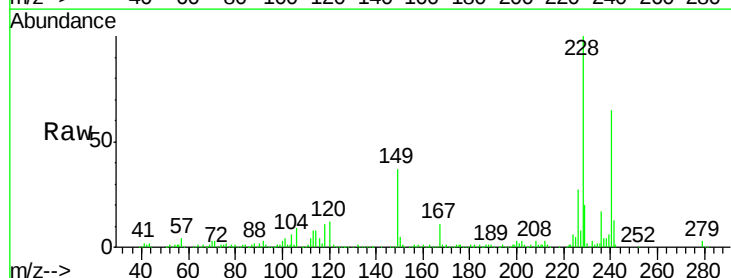
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		226367		
120	19.2	6.8	10.2#		
236	25.9	20.2	30.2		





#76

Benzidine

Concen: 45.00 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

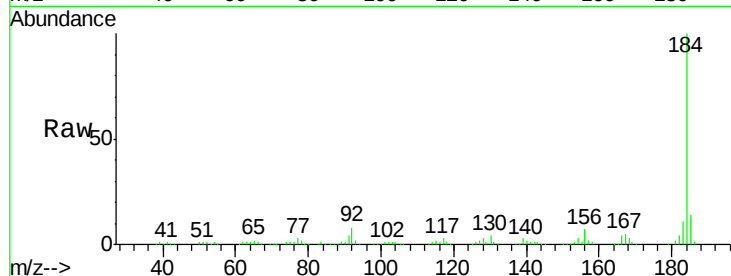
ClientSampleId :

PB91373BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.5	18.7
183	11.3	9.3	13.9

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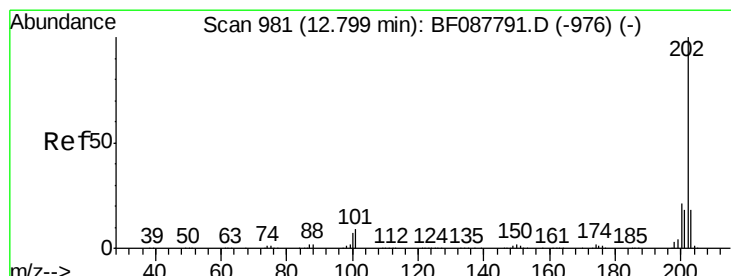
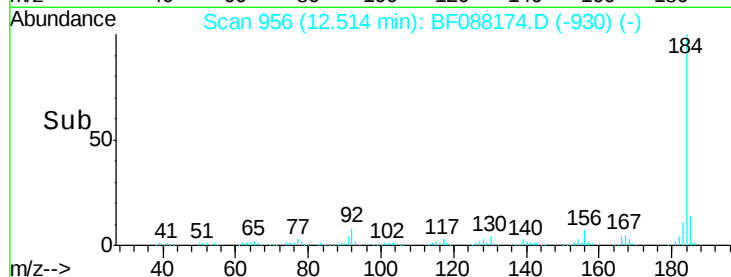
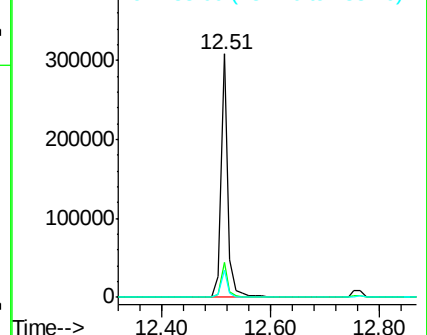


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 45.86 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

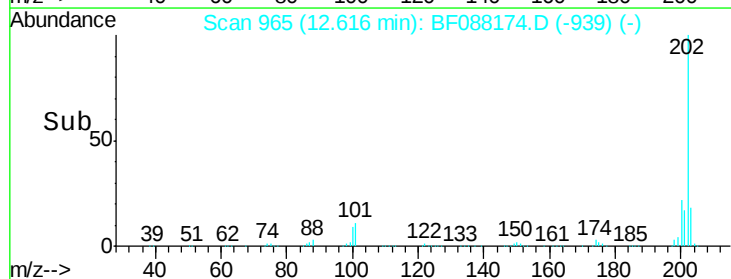
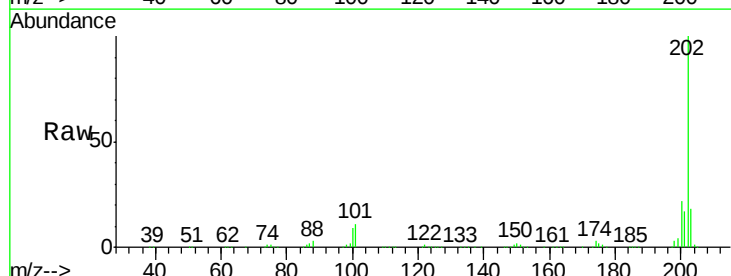
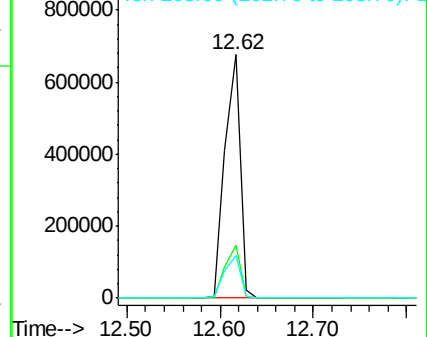
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.5	21.7

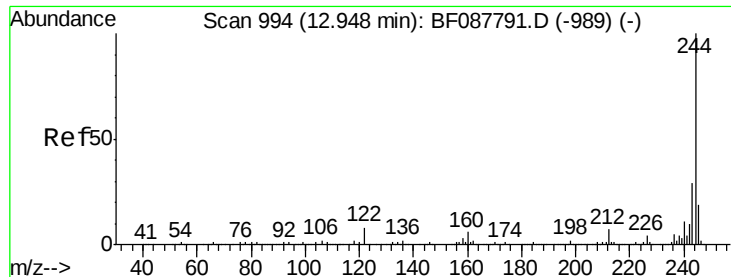
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





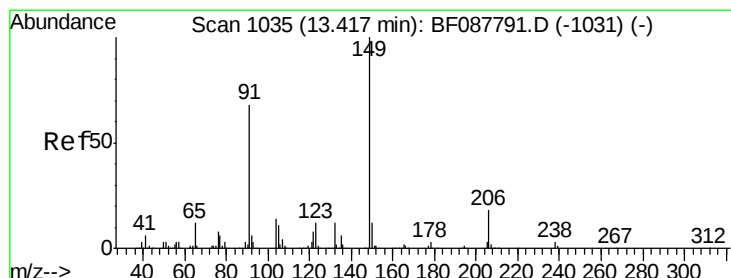
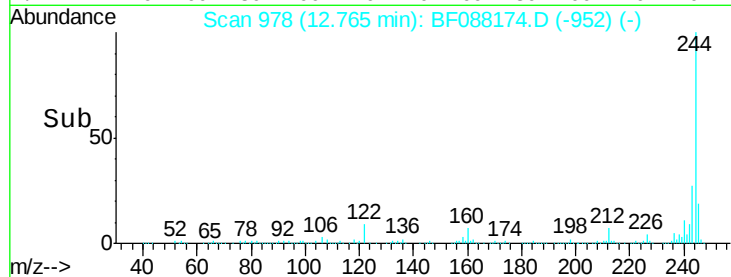
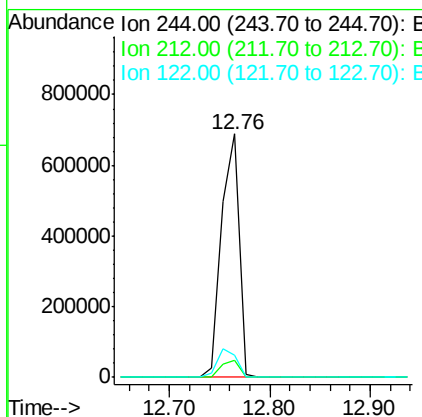
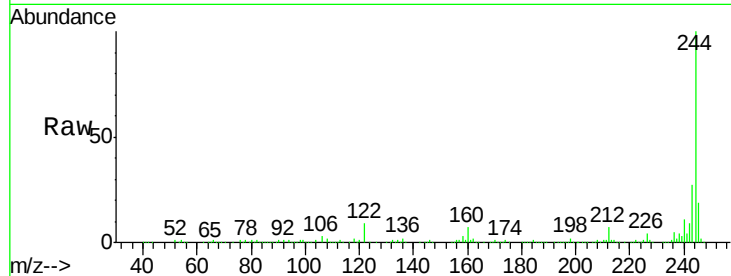
#78
 Terphenyl-d14
 Concen: 84.72 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.2	11.2	16.8

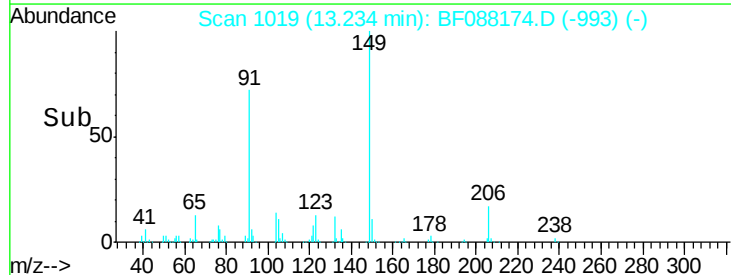
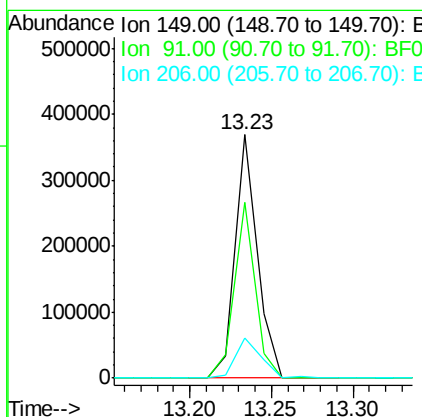
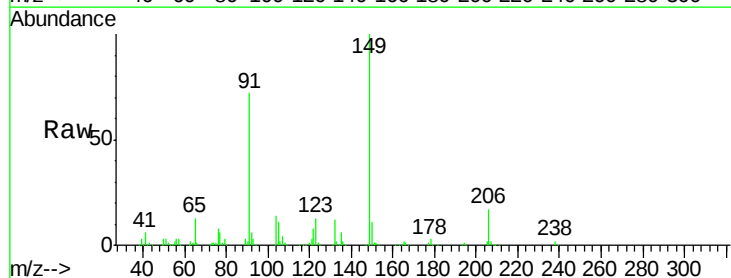
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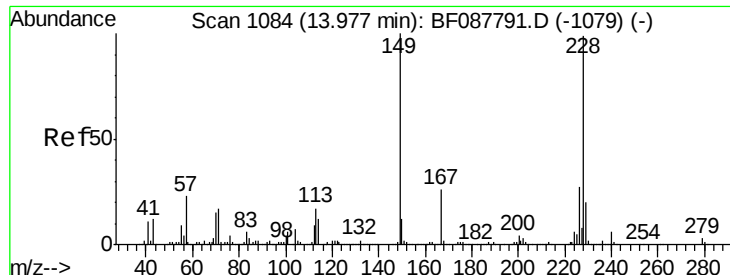
sohil
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#79
 Butylbenzylphthalate
 Concen: 46.52 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	72.2	48.0	72.0
206	16.5	16.0	24.0





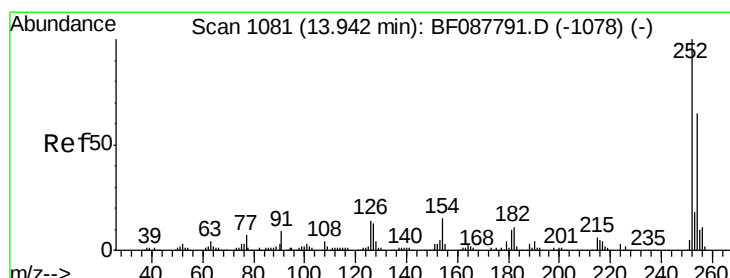
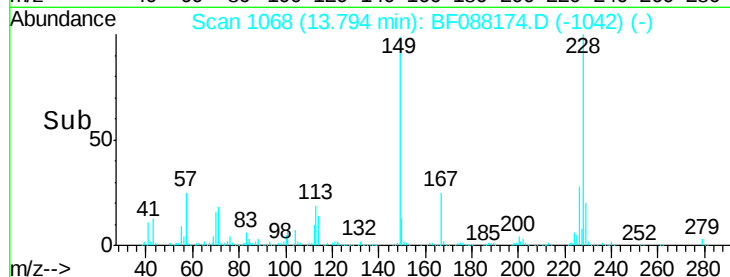
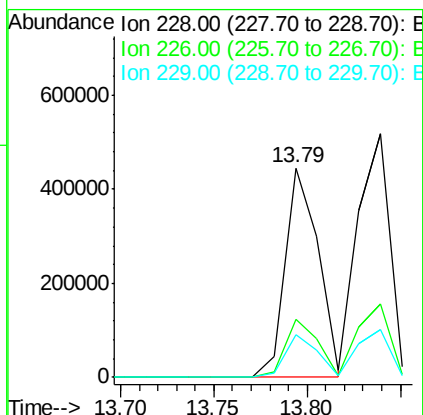
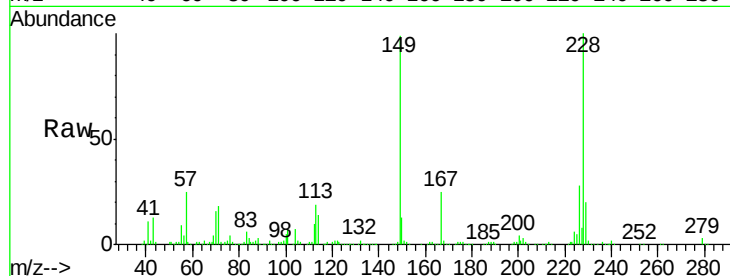
#80
Benzo(a)anthracene
Concen: 42.69 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.1	16.0	24.0

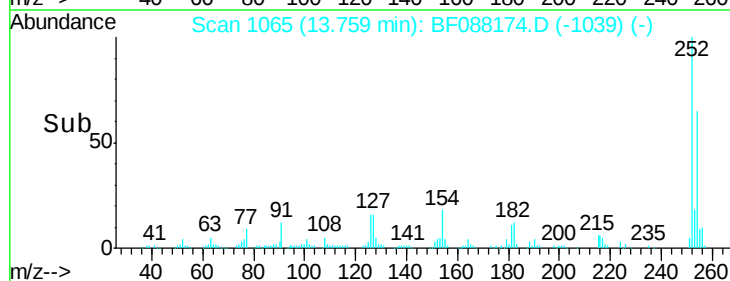
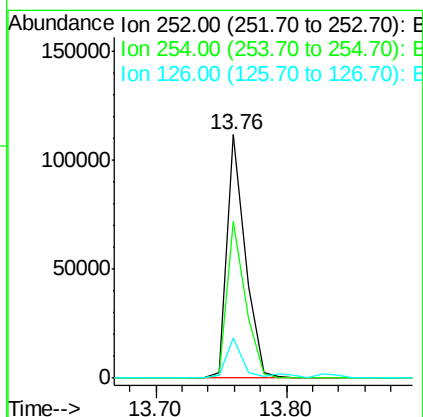
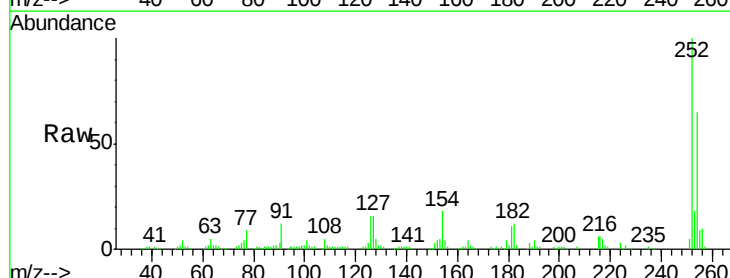
Manual Integrations
APPROVED

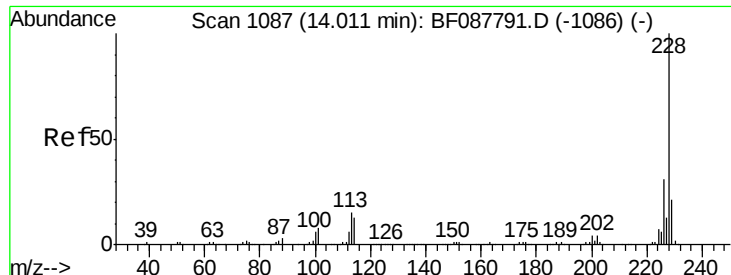
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#81
3,3'-Dichlorobenzidine
Concen: 31.55 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	16.3	6.2	9.2#





#82

Chrysene

Concen: 51.20 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

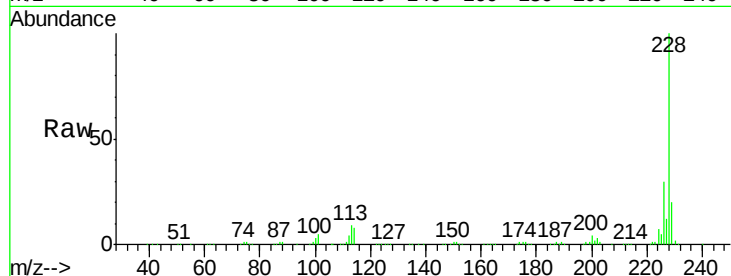
ClientSampleId :

PB91373BS

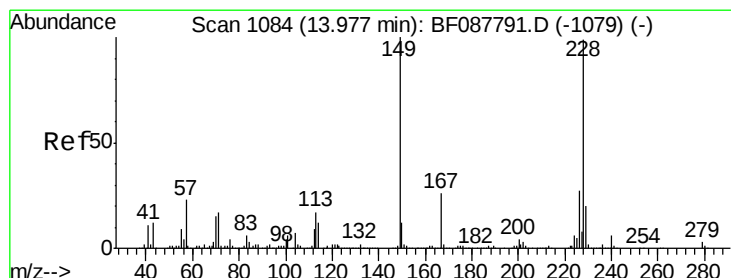
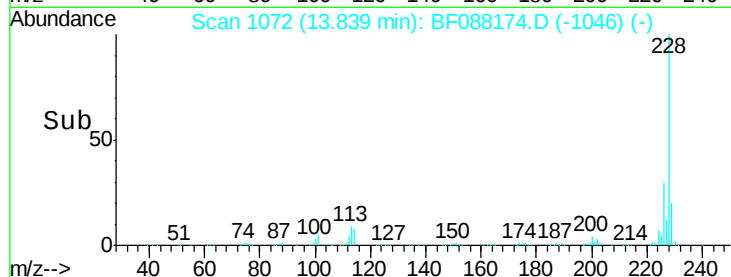
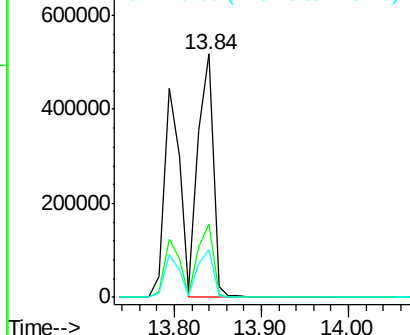
Tot Ion:	228	Resp:	621409
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.2
229	19.7	16.3	24.5

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.78 ng

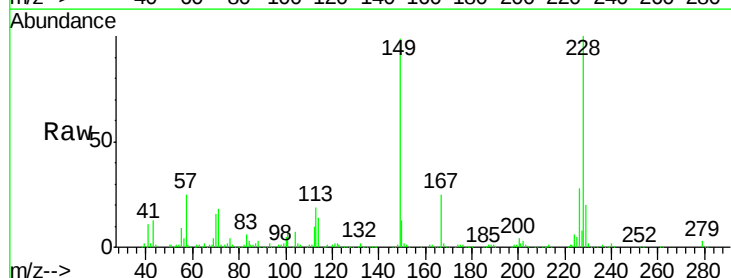
RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

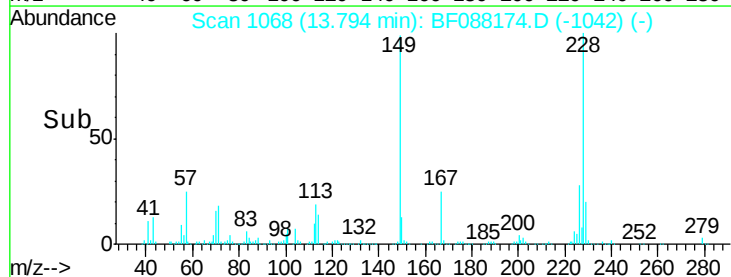
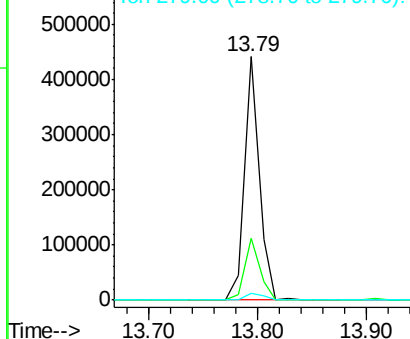
Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:	149	Resp:	413873
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.5	30.7
279	2.6	2.0	3.0



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





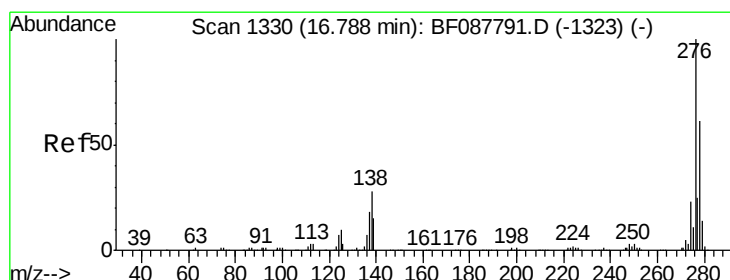
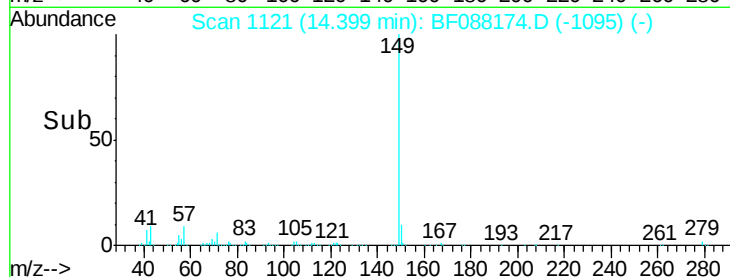
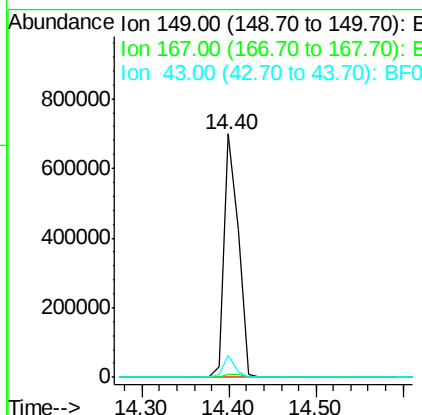
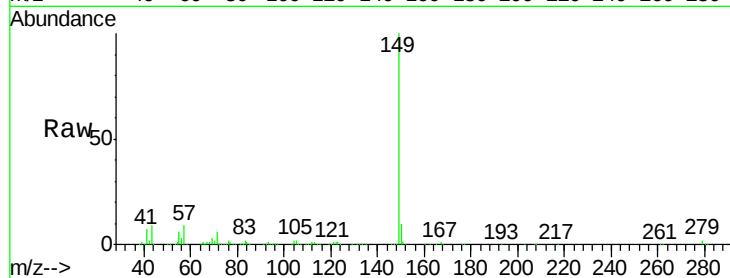
#84
Di-n-octyl phthalate
Concen: 54.60 ng
RT: 14.40 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	7.6	0.0	0.0#

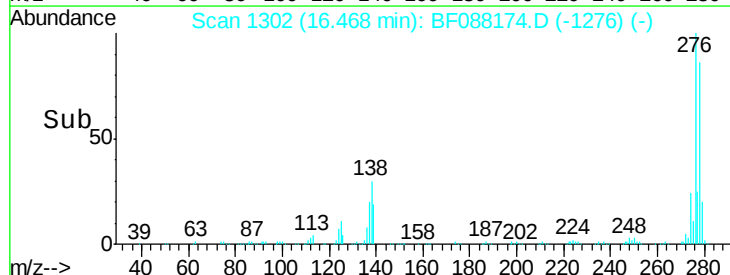
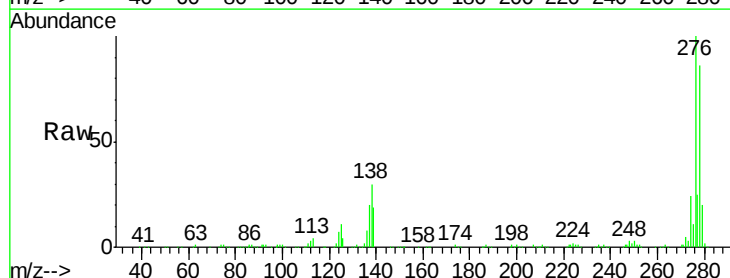
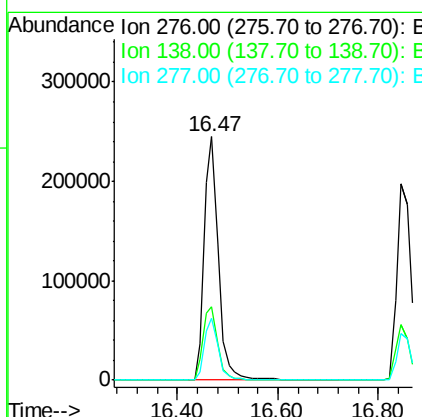
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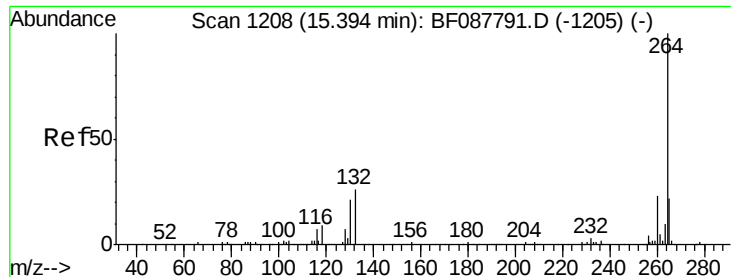
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#85
Indeno(1,2,3-cd)pyrene
Concen: 42.56 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.6	0.0	0.0#
277	24.8	0.0	0.0#





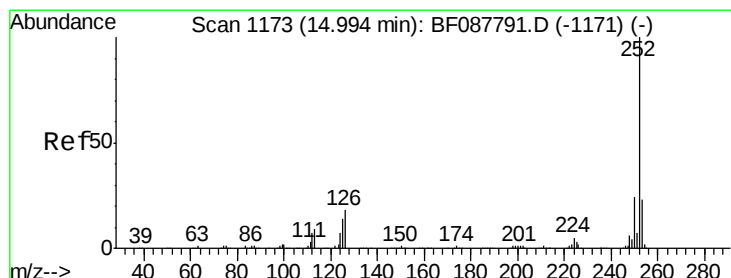
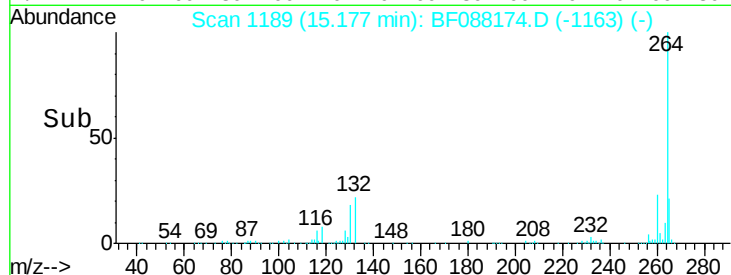
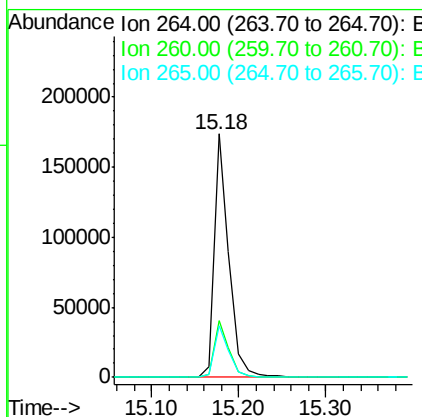
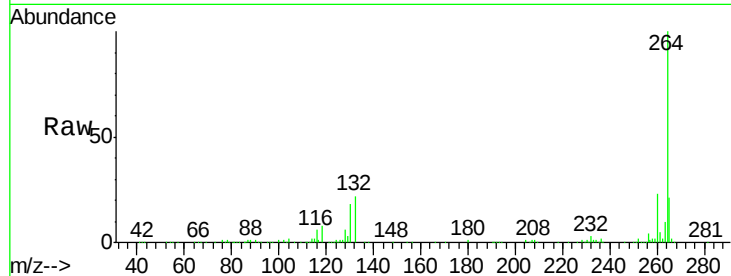
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4	19.2	28.8		
265	21.4	16.9	25.3		

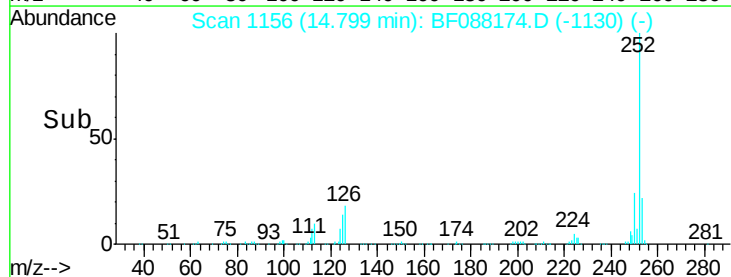
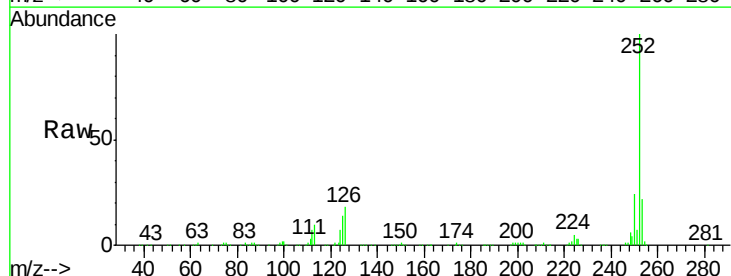
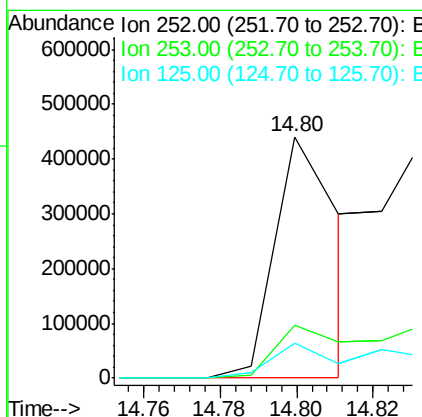
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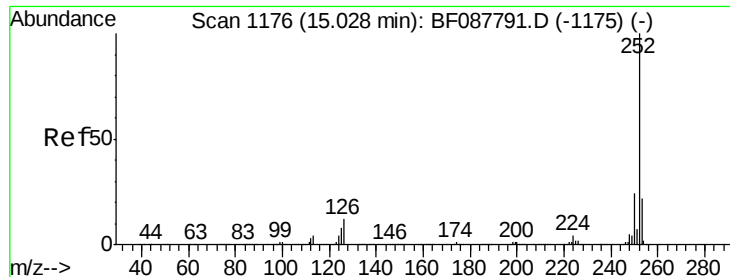
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#87
Benzo(b)fluoranthene
Concen: 36.50 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.2	17.4	26.2		
125	14.3	7.1	10.7#		





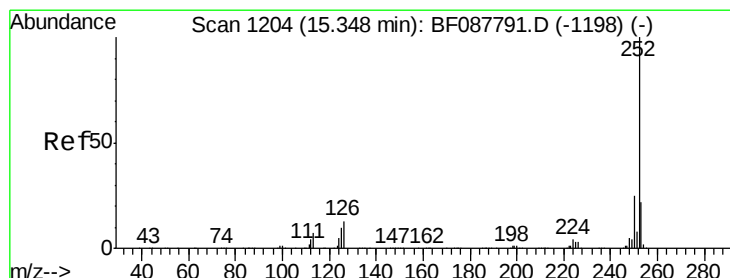
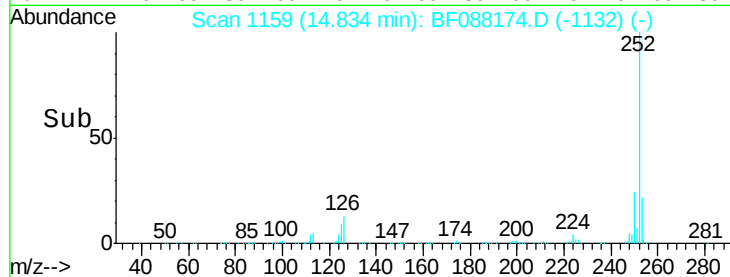
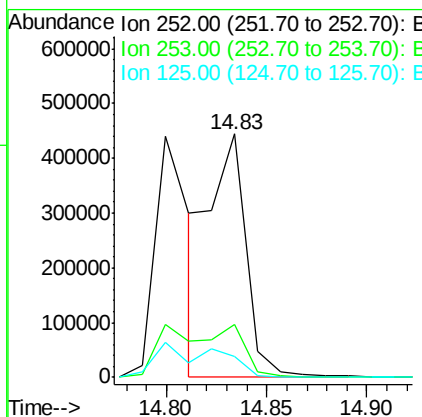
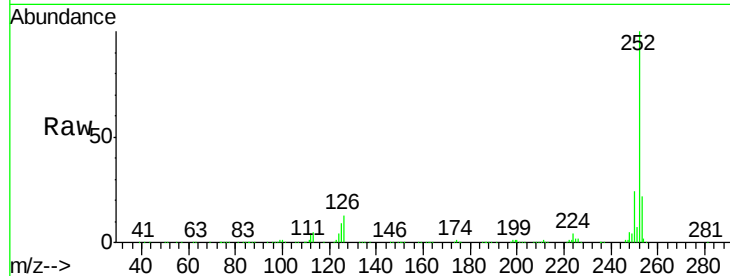
#88
Benzo(k)fluoranthene
Concen: 51.93 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.7	11.2	16.8

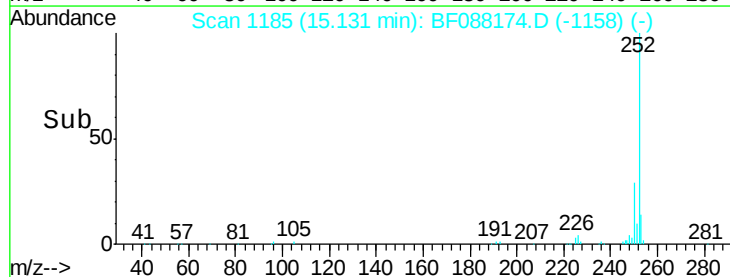
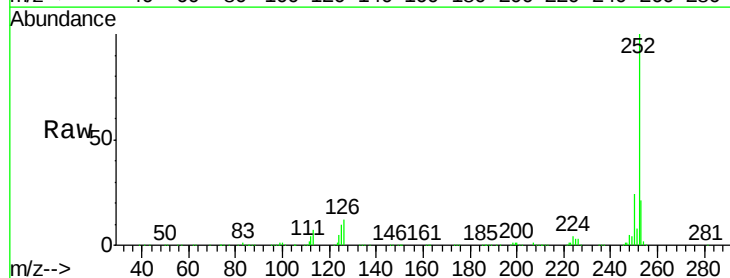
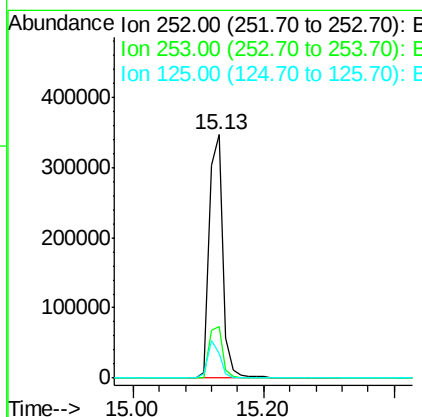
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#89
Benzo(a)pyrene
Concen: 44.18 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	10.1	12.5	18.7





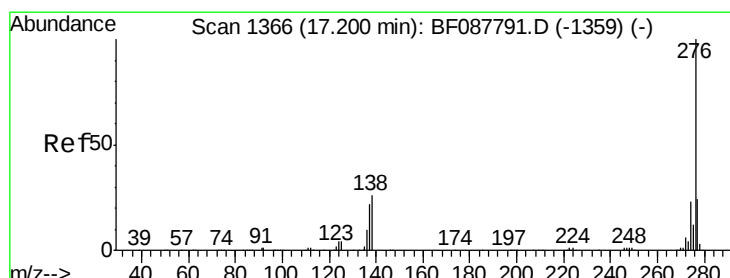
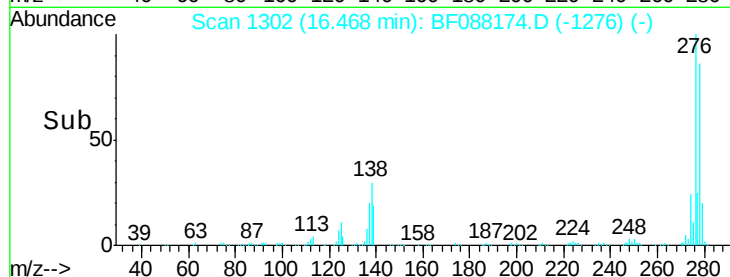
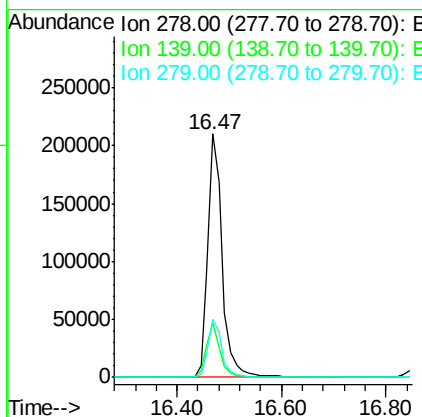
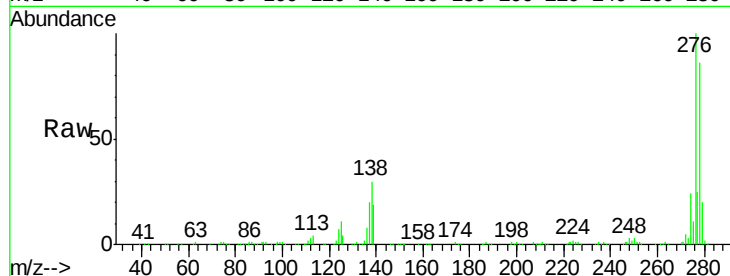
#90
Dibenzo(a,h)anthracene
Concen: 37.49 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.7	23.5
279	23.9	19.4	29.2

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 38.17 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	28.6	21.4	32.2

