

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087797.D
 Acq On : 7 Jun 2016 19:24
 Operator : UM/SJ
 Sample : PB91075BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Manual Integrations
 APPROVED

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 6/8/2016 7:15:00 PM

Quant Time: Jun 08 04:08:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	98316	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	411080	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	205412	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	392625	20.00	ng	0.00
75) Chrysene-d12	13.99	240	296307	20.00	ng	0.00
86) Perylene-d12	15.39	264	228316	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	692644	120.44	ng	0.01
7) Phenol-d6	6.48	99	817297	117.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	527384	74.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	264992	122.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1089990	83.24	ng	0.00
78) Terphenyl-d14	12.94	244	889298	68.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	76325	27.31	ng	# 29
3) Pyridine	3.21	79	212060	32.14	ng	97
4) n-Nitrosodimethylamine	3.15	42	108472	38.82	ng	91
6) Aniline	6.50	93	265138	26.73	ng	99
8) 2-Chlorophenol	6.63	128	292256	42.93	ng	90
9) Benzaldehyde	6.38	77	14546	2.91	ng	# 77
10) Phenol	6.49	94	342753	47.78	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	259664	42.49	ng	88
12) 1,3-Dichlorobenzene	6.78	146	267434	36.62	ng	98
13) 1,4-Dichlorobenzene	6.86	146	272347	37.02	ng	99
14) 1,2-Dichlorobenzene	7.02	146	268997	40.20	ng	98
15) Benzyl Alcohol	6.98	79	218057	39.99	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	340244	41.21	ng	92
17) 2-Methylphenol	7.10	107	229236	41.53	ng	100
18) Hexachloroethane	7.36	117	105464	40.40	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	179754	40.31	ng	95
20) 3+4-Methylphenols	7.26	107	280779	43.59	ng	# 87
22) Acetophenone	7.26	105	347113	37.78	ng	# 90
24) Nitrobenzene	7.43	77	296935	43.54	ng	96
25) Isophorone	7.67	82	510663	39.16	ng	99
26) 2-Nitrophenol	7.75	139	153181	41.93	ng	# 72
27) 2,4-Dimethylphenol	7.78	122	259099	38.52	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	339782	42.01	ng	99
29) 2,4-Dichlorophenol	7.99	162	254169	45.26	ng	92
30) 1,2,4-Trichlorobenzene	8.07	180	231065	37.79	ng	100
31) Naphthalene	8.15	128	793264	38.99	ng	99
32) Benzoic acid	7.91	122	170491	46.04	ng	97
33) 4-Chloroaniline	8.19	127	181568	19.99	ng	99
34) Hexachlorobutadiene	8.27	225	128816	39.95	ng	99
35) Caprolactam	8.57	113	80931m	43.51	ng	
36) 4-Chloro-3-methylphenol	8.68	107	255331	42.52	ng	97
37) 2-Methylnaphthalene	8.84	142	548216	40.89	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	222588	40.15	ng	# 1
40) Hexachlorocyclopentadiene	8.99	237	245996	74.24	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	187641	45.68	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	171284	40.08	nq	97
45) 1,1'-Biphenyl	9.30	154	630182	40.21	nq	99
46) 2-Chloronaphthalene	9.32	162	488218	36.73	nq	99
47) 2-Nitroaniline	9.42	65	152223	38.82	nq	98
48) Acenaphthylene	9.74	152	819130	38.74	nq	100
49) Dimethylphthalate	9.61	163	651564	43.79	nq	100
50) 2,6-Dinitrotoluene	9.67	165	154203	45.25	nq	# 87
51) Acenaphthene	9.91	154	560146	42.47	nq	99
52) 3-Nitroaniline	9.83	138	89604	22.79	nq	99
53) 2,4-Dinitrophenol	9.94	184	154859	82.30	nq	# 67
54) Dibenzofuran	10.09	168	737506	40.60	nq	99
55) 4-Nitrophenol	10.00	139	235863	77.28	nq	91
56) 2,4-Dinitrotoluene	10.07	165	194640	44.45	nq	# 78
57) Fluorene	10.42	166	509239	41.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	146135	43.51	nq	# 57
59) Diethylphthalate	10.31	149	650094	43.16	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	253920	42.03	nq	92
61) 4-Nitroaniline	10.45	138	138667	37.18	nq	97
62) Azobenzene	10.58	77	641189	43.05	nq	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	89946	37.20	nq	94
65) n-Nitrosodiphenylamine	10.54	169	483606	37.12	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	160044	38.00	nq	# 85
67) Hexachlorobenzene	10.97	284	177376	40.53	nq	# 88
68) Atrazine	11.06	200	144699	36.68	nq	91
69) Pentachlorophenol	11.17	266	194449	84.29	nq	100
70) Phenanthrene	11.38	178	782030	37.96	nq	99
71) Anthracene	11.44	178	873655	42.04	nq	98
72) Carbazole	11.59	167	779813	40.10	nq	100
73) Di-n-butylphthalate	11.92	149	900131	36.56	nq	100
74) Fluoranthene	12.56	202	809453	37.23	nq	97
76) Benzidine	12.69	184	303403	36.98	nq	99
77) Pyrene	12.79	202	803768	36.56	nq	99
79) Butylbenzylphthalate	13.42	149	428765	44.11	nq	97
80) Benzo(a)anthracene	13.98	228	642359	38.04	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	146719	32.31	nq	98
82) Chrysene	14.01	228	610604	38.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	505948	42.75	nq	# 98
84) Di-n-octyl phthalate	14.58	149	838870	43.63	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.78	276	582251	39.45	nq	# 100
87) Benzo(b)fluoranthene	14.99	252	574705	36.11	nq	# 96
88) Benzo(k)fluoranthene	15.03	252	586451m	48.85	nq	
89) Benzo(a)pyrene	15.34	252	542462	42.13	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	482053	40.31	nq	96
91) Benzo(g,h,i)perylene	17.20	276	496669	40.38	nq	95

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



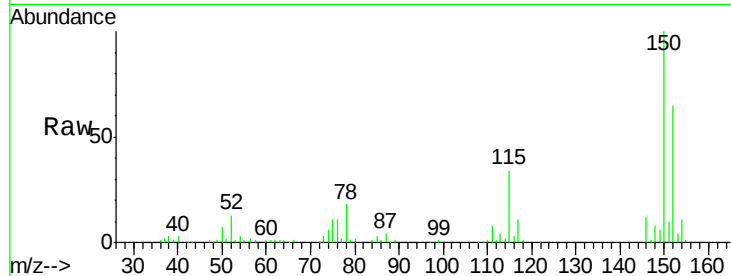
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
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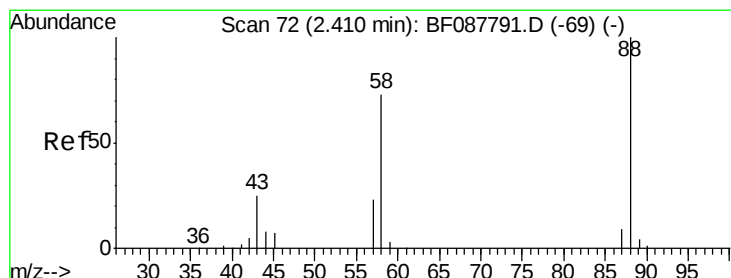
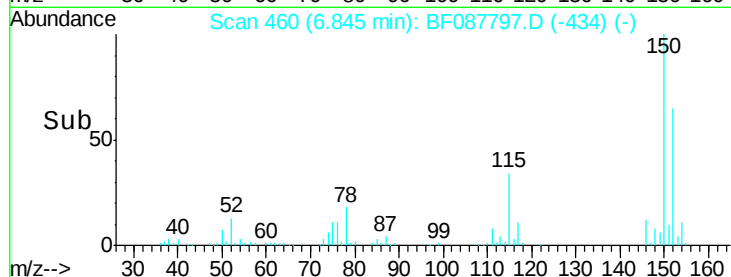
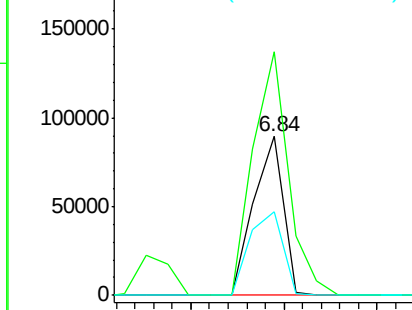
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.8	185.6
115	52.3	39.6	59.4

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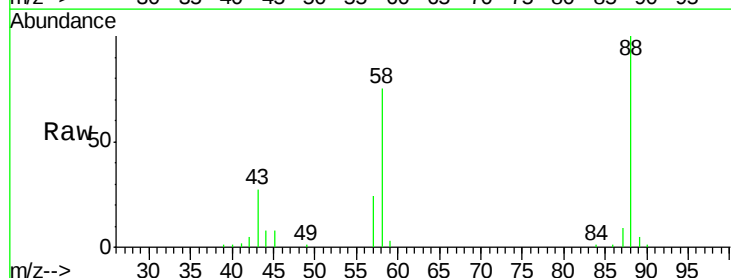


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

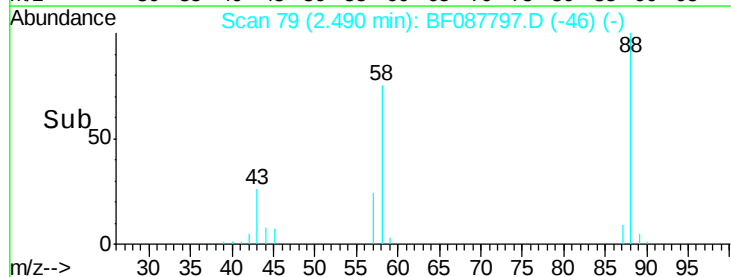
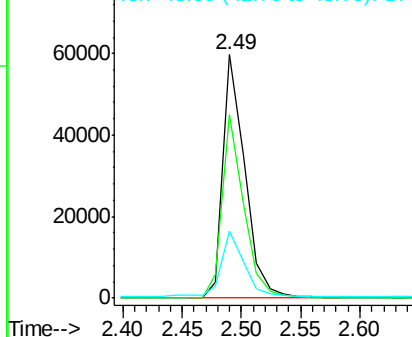


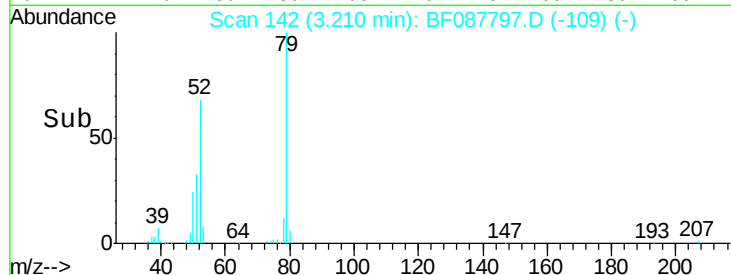
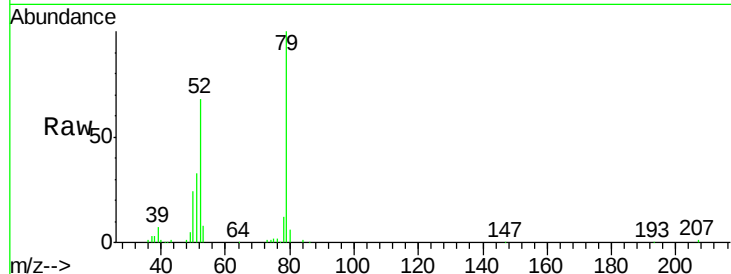
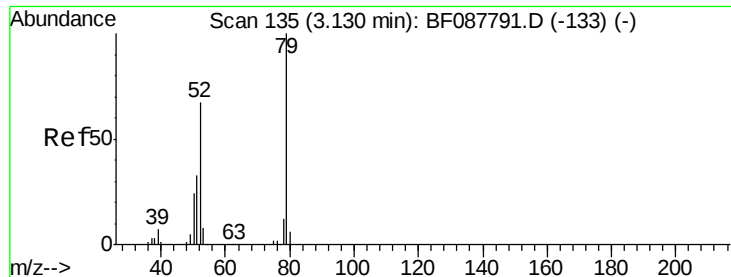
#2
 1,4-Dioxane
 Concen: 27.31 ng
 RT: 2.49 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	0.0	0.0#
43	27.6	3.4	5.2#



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





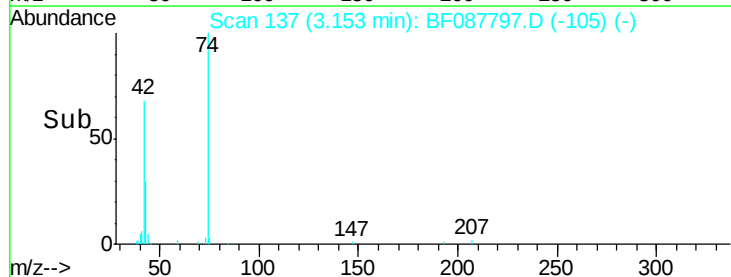
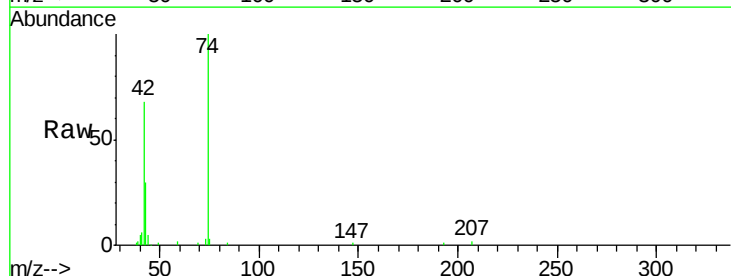
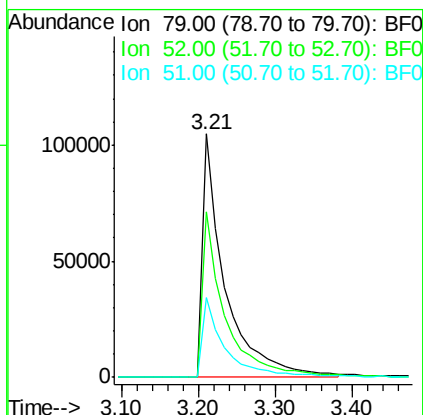
#3
Pvridine
Concen: 32.14 ng
RT: 3.21 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.8	56.3	84.5
51	32.7	27.4	41.2

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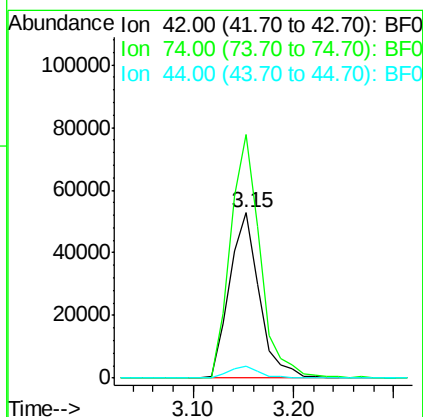
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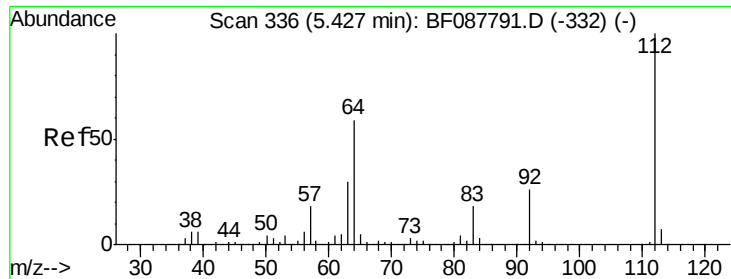
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#4
n-Nitrosodimethylamine
Concen: 38.82 ng
RT: 3.15 min Scan# 137
Delta R.T. 0.07 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.7	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 120.44 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

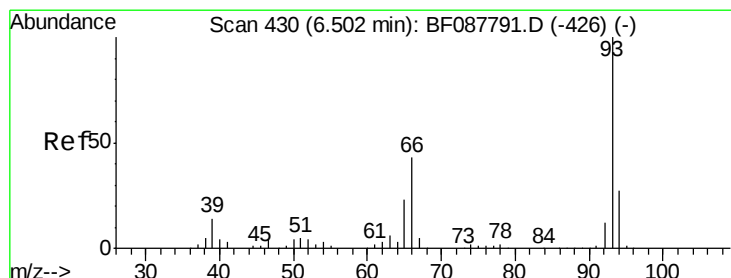
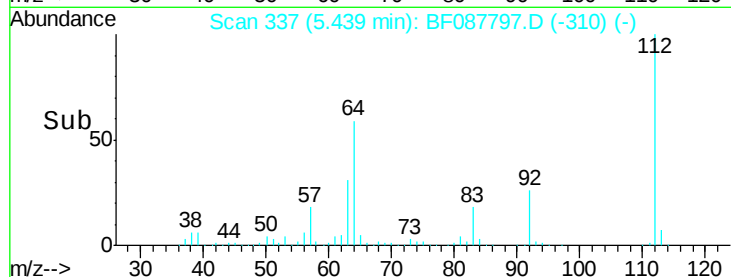
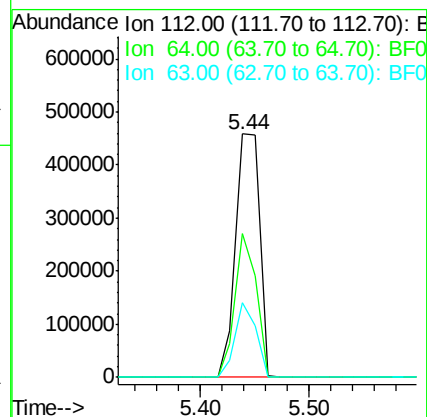
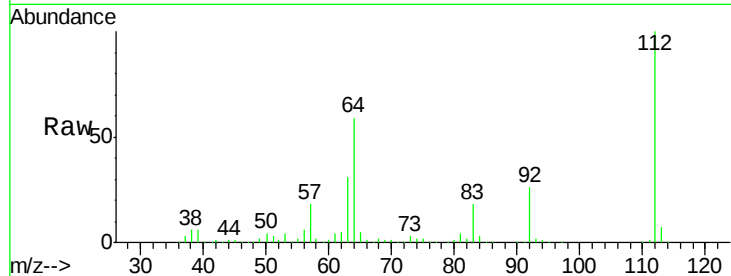
ClientSampleId :

PB91075BS

Tot Ion:	112	Resp:	692644
Ion Ratio	Lower	Upper	
112	100		
64	59.0	42.2	63.2
63	30.5	21.8	32.8

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#6

Aniline

Concen: 26.73 ng

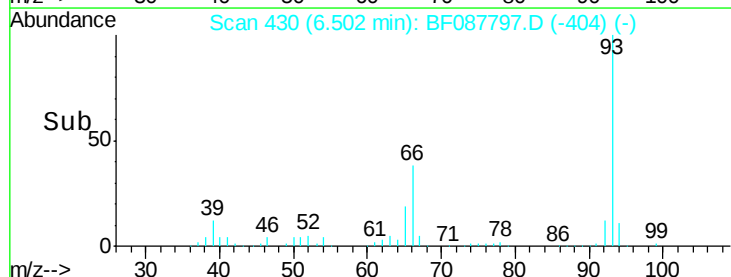
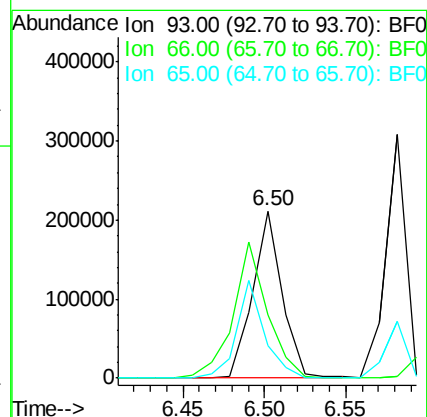
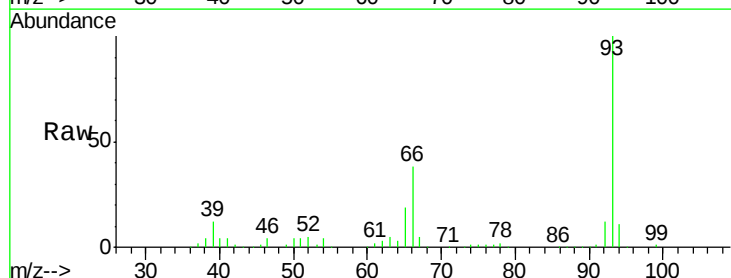
RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion:	93	Resp:	265138
Ion Ratio	Lower	Upper	
93	100		
66	38.1	29.8	44.8
65	19.4	14.9	22.3





#7

Phenol-d6

Concen: 117.26 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

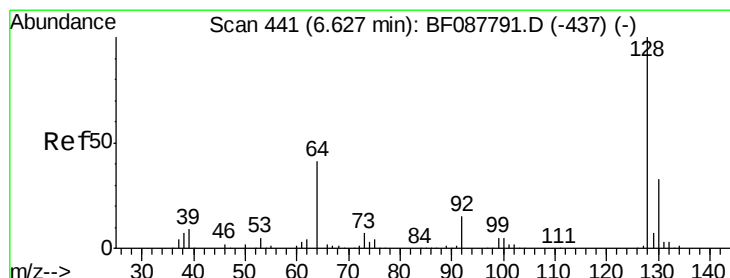
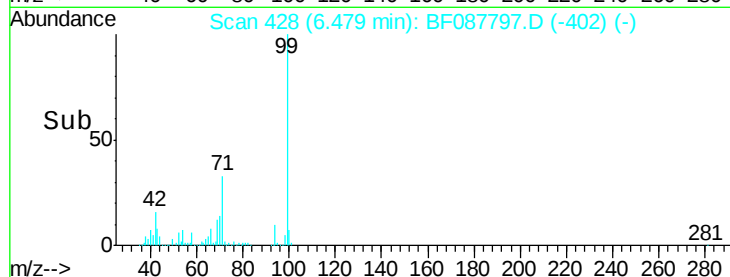
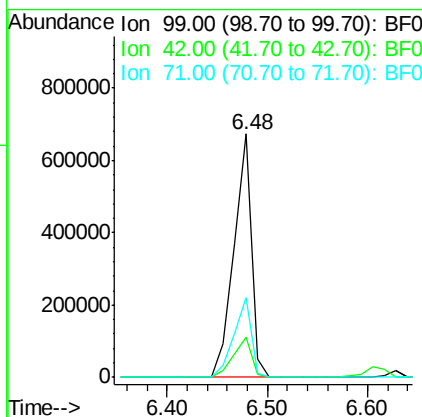
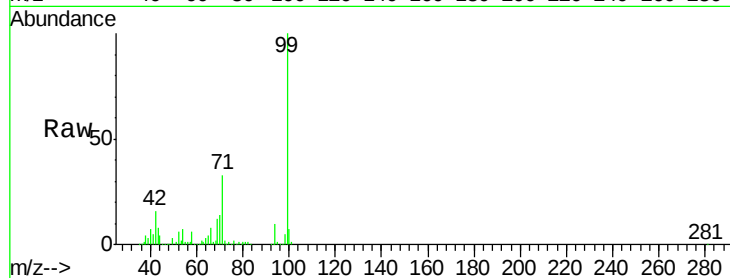
ClientSampleId :

PB91075BS

Tot Ion:	99	Resp:	817297
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.2	18.2
71	32.8	23.4	35.0

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#8

2-Chlorophenol

Concen: 42.93 ng

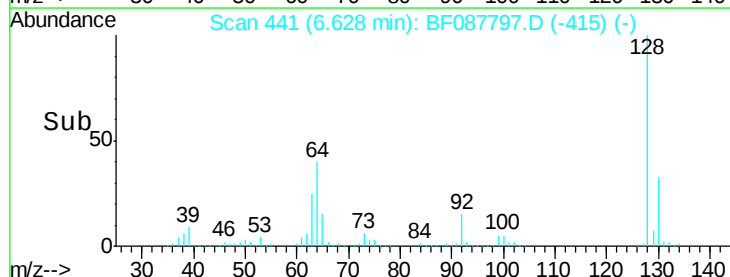
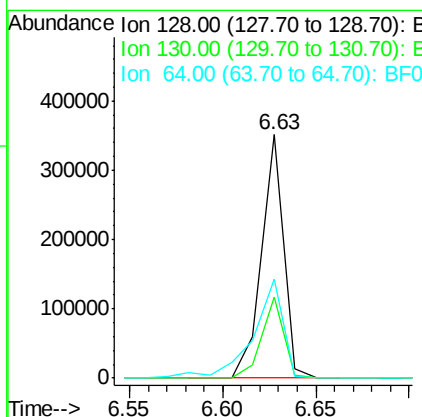
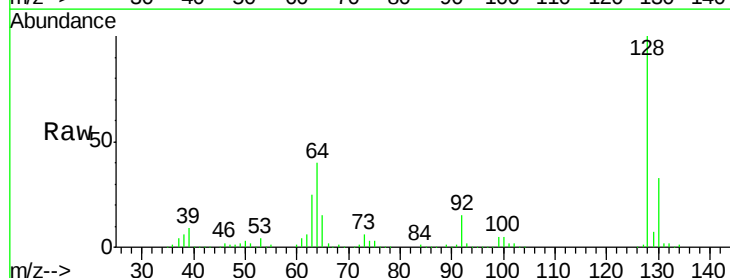
RT: 6.63 min Scan# 441

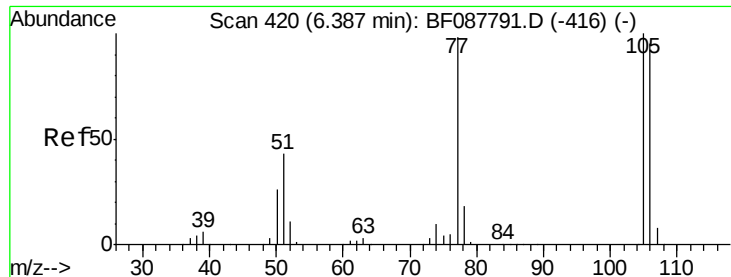
Delta R.T. 0.00 min

Lab File: BF087797.D

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Tgt Ion:	128	Resp:	292256
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	40.5	30.8	70.8





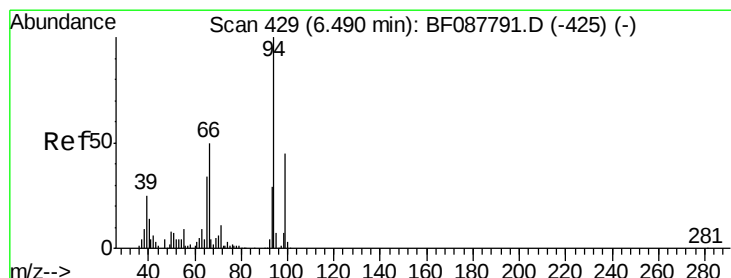
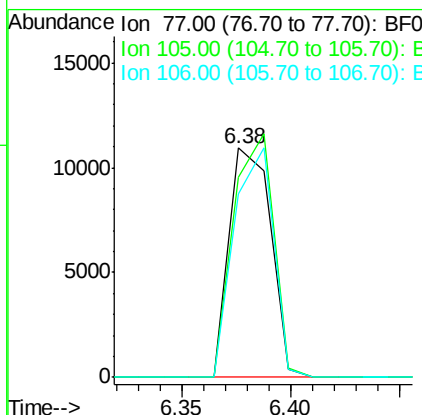
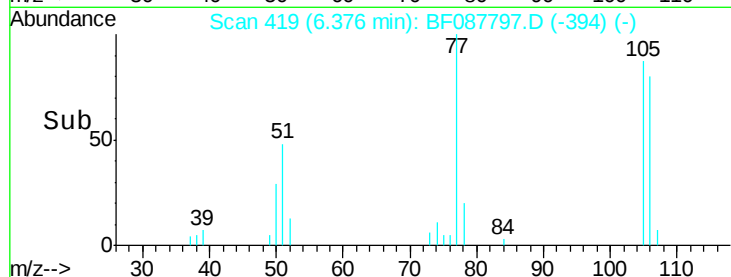
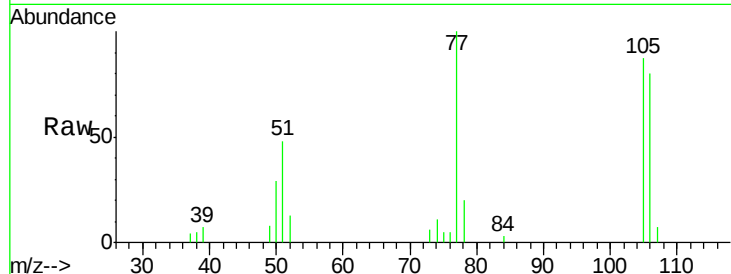
#9
Benzaldehyde
Concen: 2.91 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

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BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	87.5	90.6	130.6		
106	79.9	85.3	125.3		

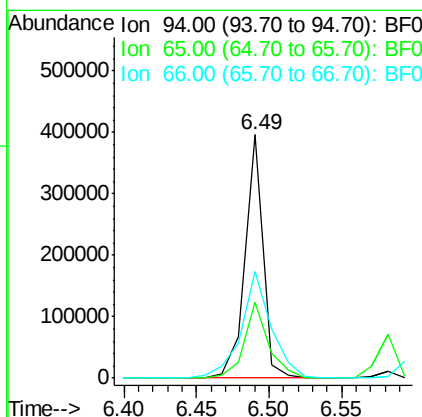
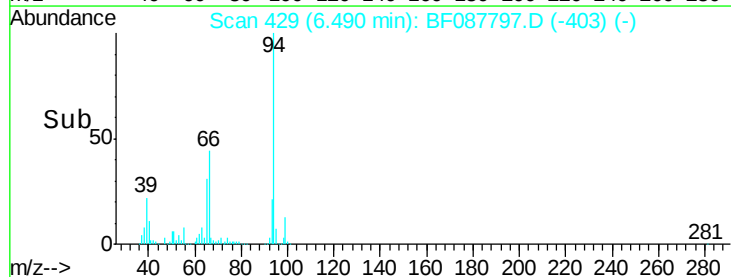
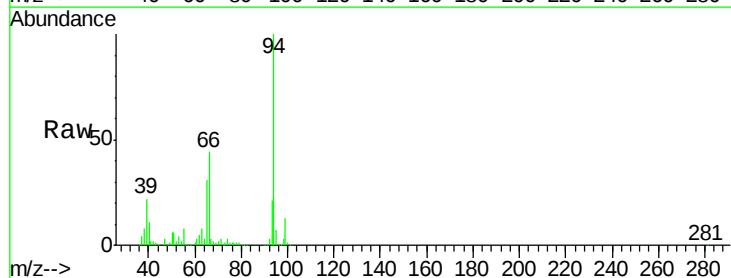
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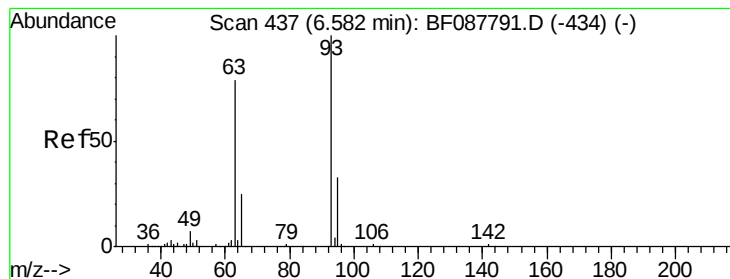
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#10
Phenol
Concen: 47.78 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF087797.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.2	5.9	45.9		
66	43.6	14.0	54.0		





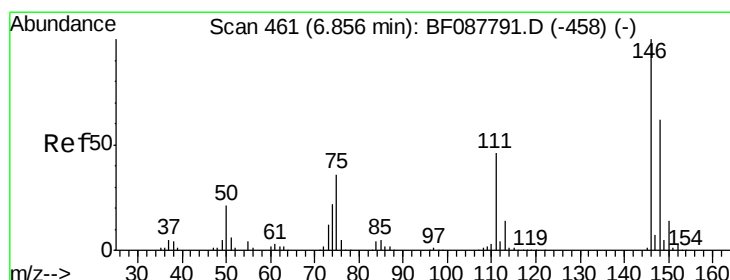
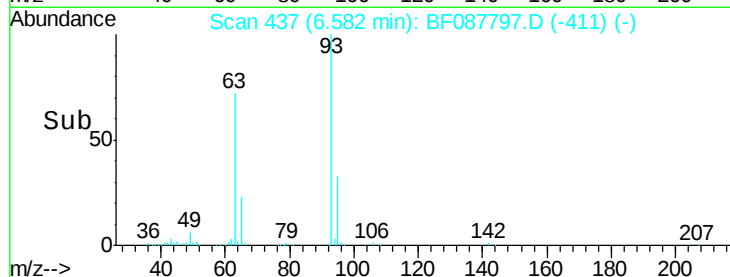
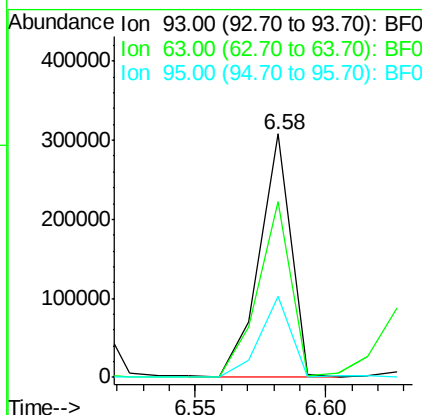
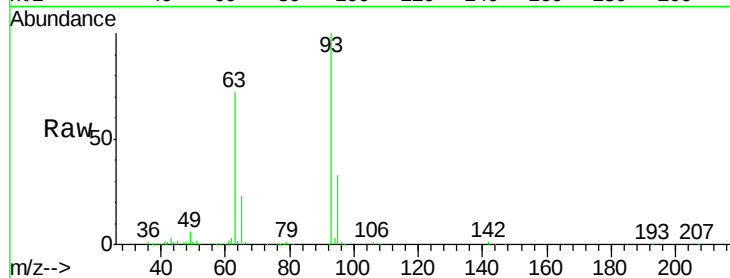
#11
 bis(2-Chloroethyl)ether
 Concen: 42.49 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	67.6	107.6
95	33.1	12.5	52.5

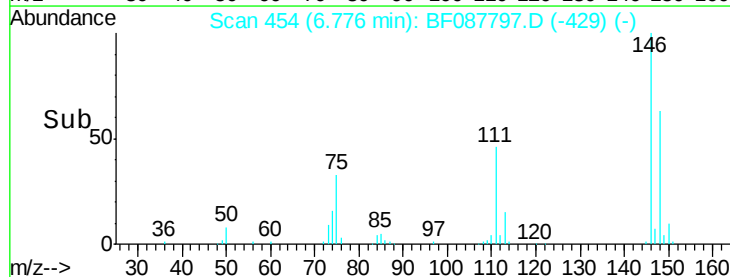
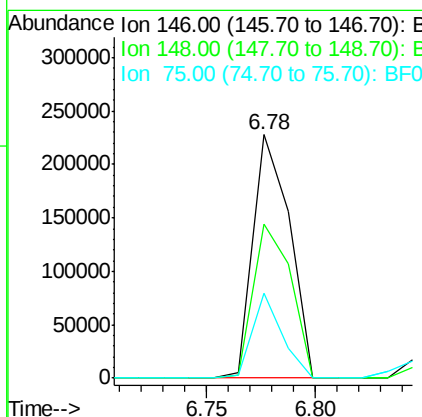
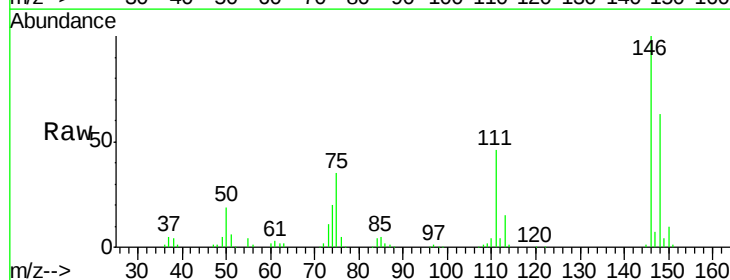
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#12
 1,3-Dichlorobenzene
 Concen: 36.62 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
75	34.7	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

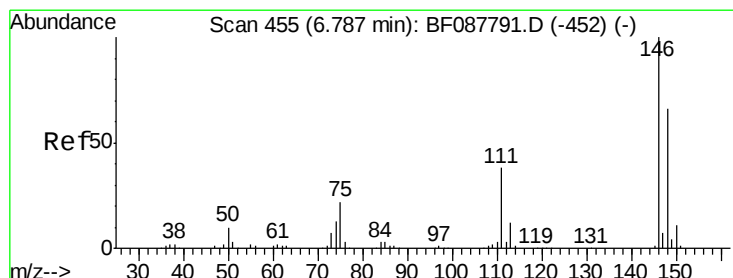
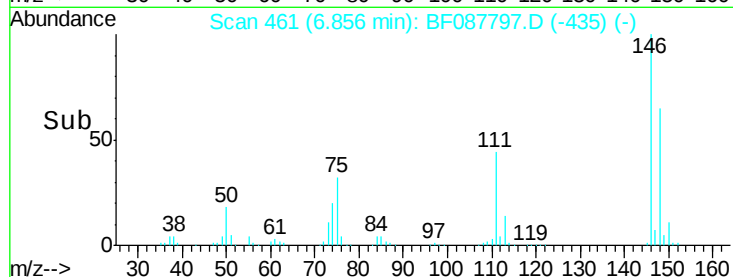
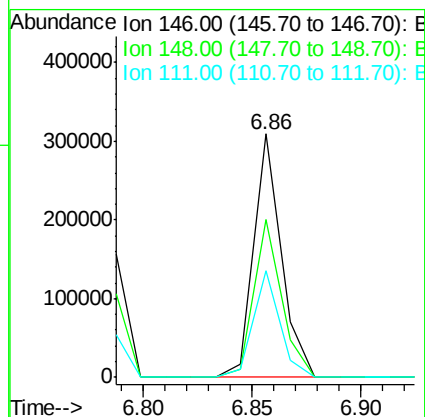
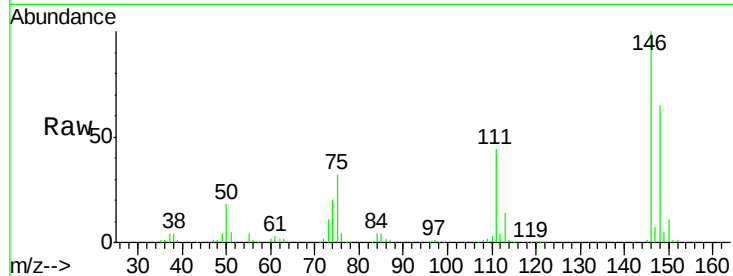
ClientSampleId :

PB91075BS

Tot Ion:	146	Resp:	272347
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.0	78.0
111	44.1	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 40.20 ng

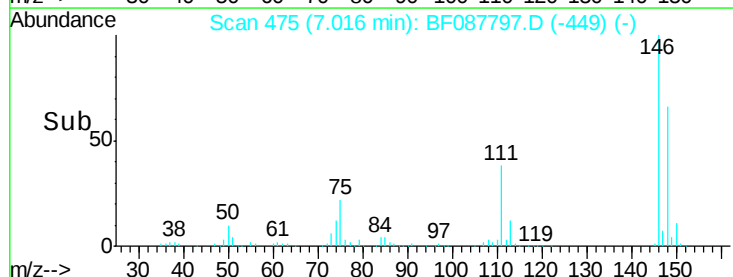
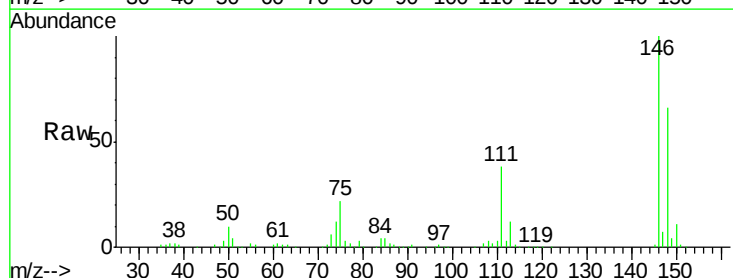
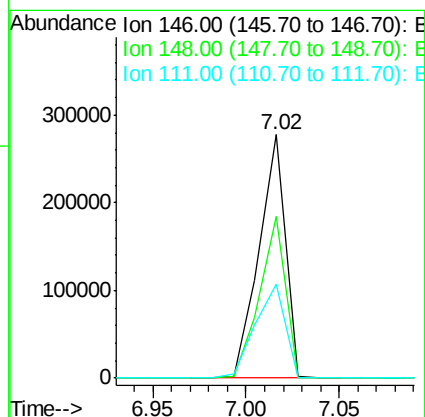
RT: 7.02 min Scan# 475

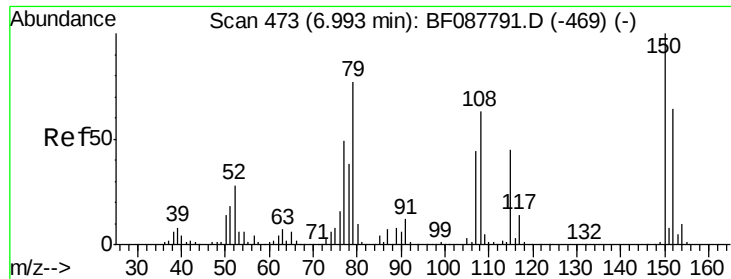
Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion:	146	Resp:	268997
Ion Ratio	Lower	Upper	
146	100		
148	66.4	52.3	78.5
111	38.4	28.7	43.1





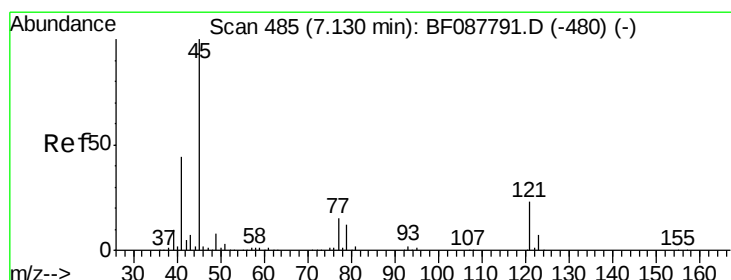
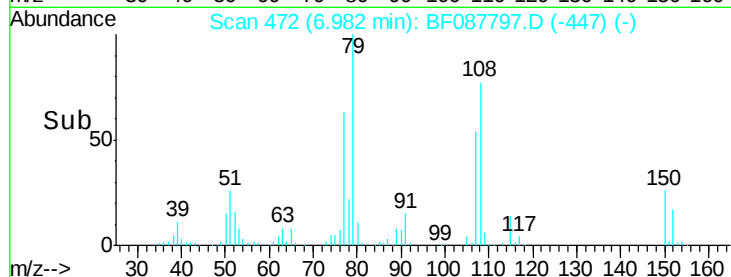
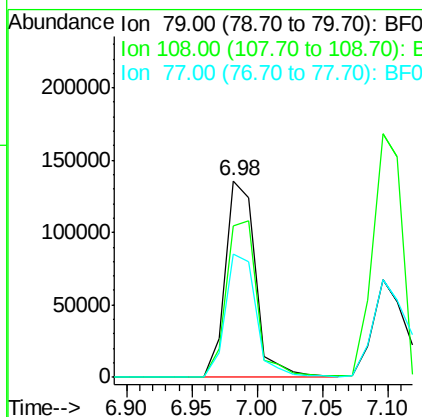
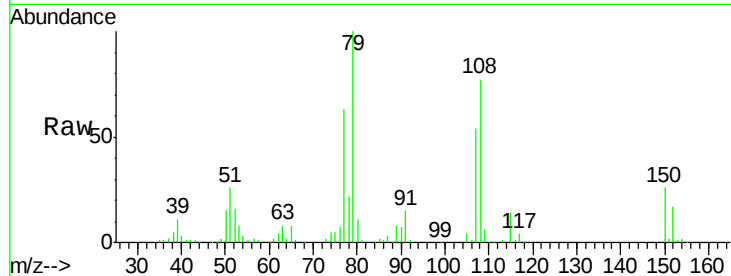
#15
Benzyl Alcohol
Concen: 39.99 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	65.0	97.6
77	62.6	50.3	75.5

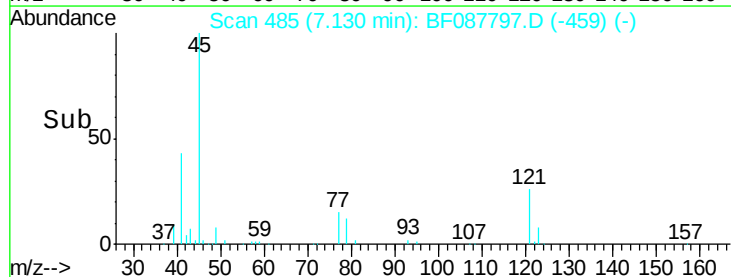
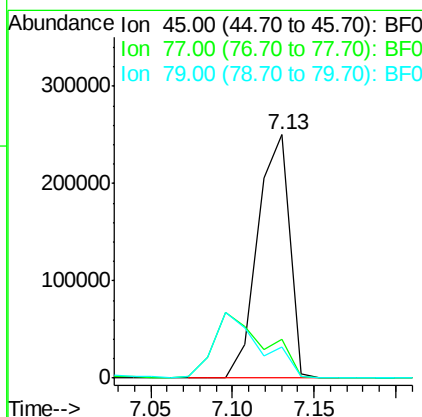
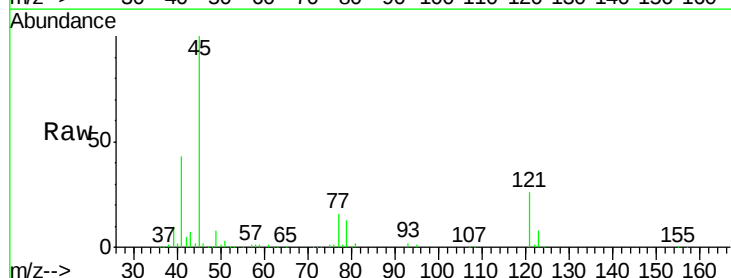
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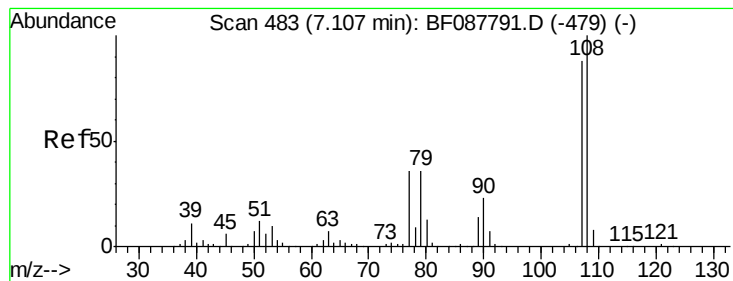
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.21 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	32.5
79	12.6	0.0	29.5





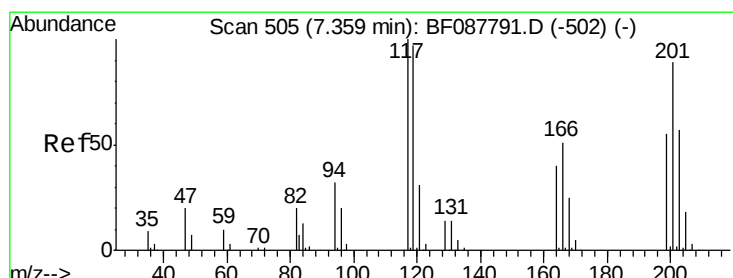
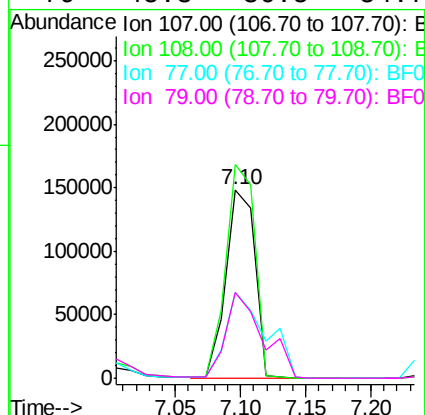
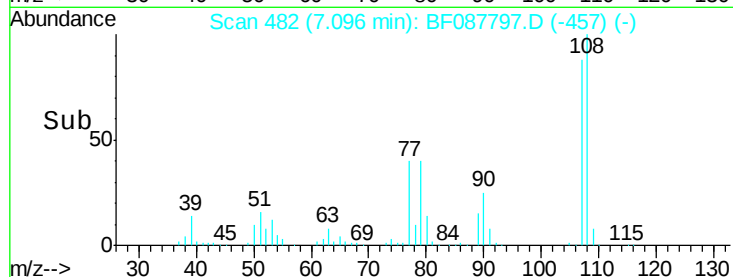
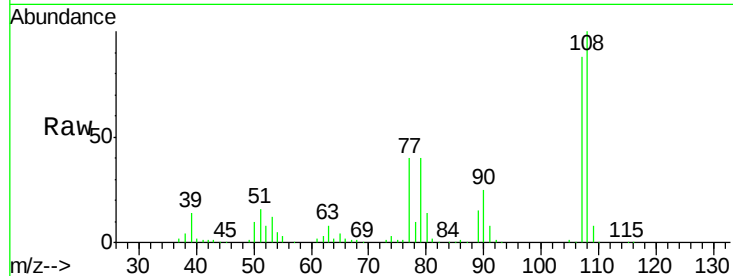
#17
2-Methylphenol
Concen: 41.53 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	229236		
108	113.4	90.9	136.3	
77	45.6	36.6	55.0	
79	45.3	36.5	54.7	

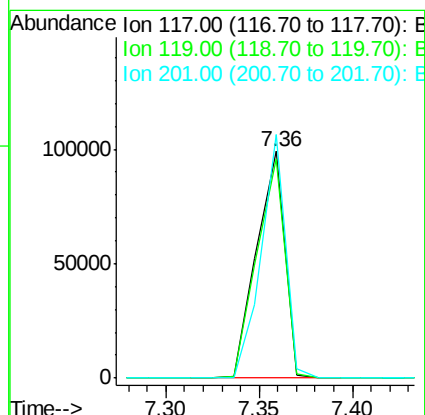
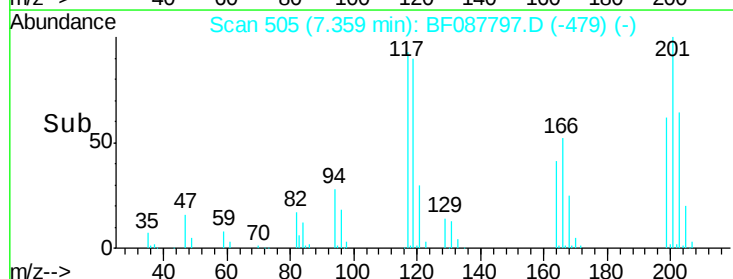
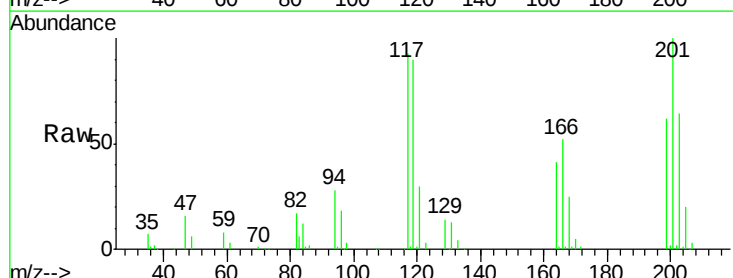
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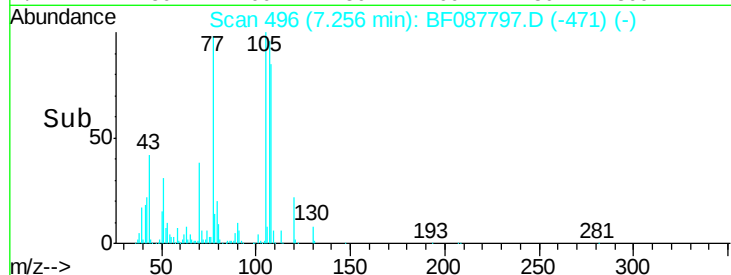
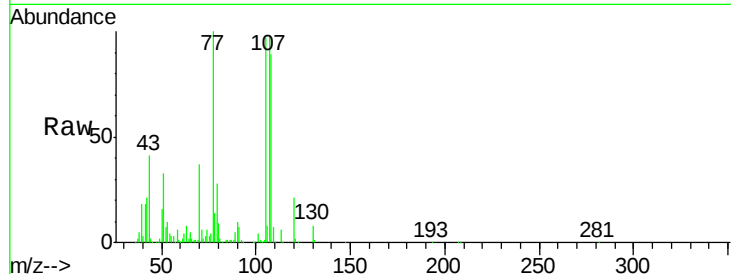
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#18
Hexachloroethane
Concen: 40.40 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105464		
119	96.9	77.4	116.2	
201	107.5	80.4	120.6	





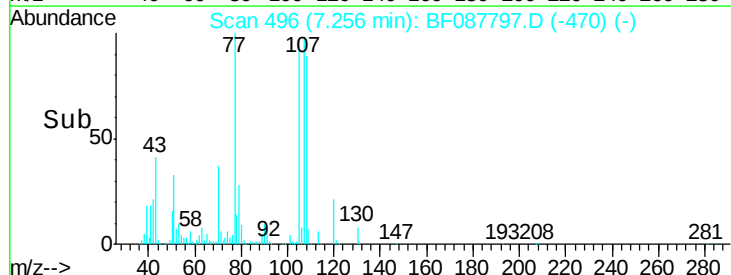
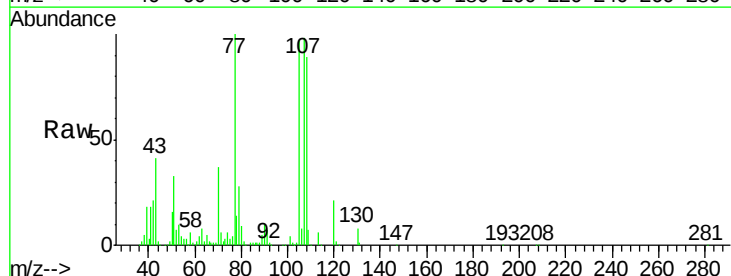
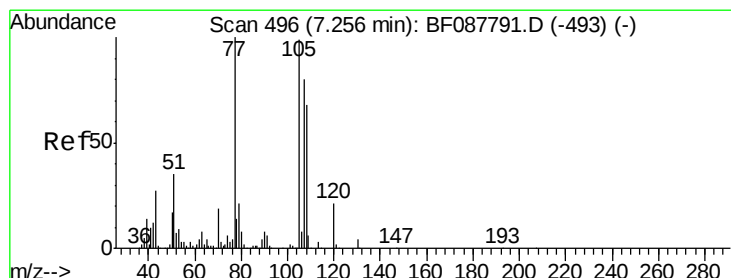
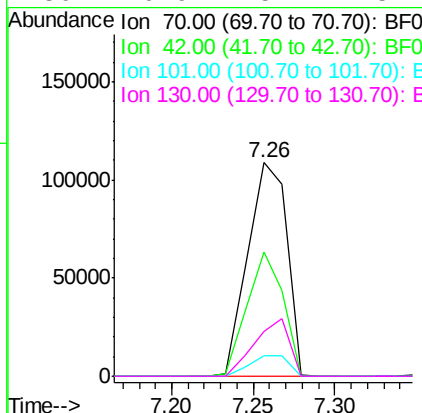
#19
n-Nitroso-di-n-propylamine
Concen: 40.31 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Manual Integrations
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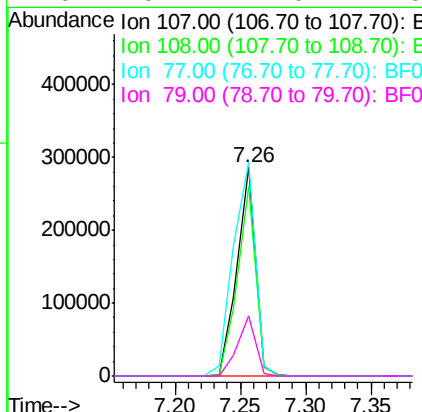
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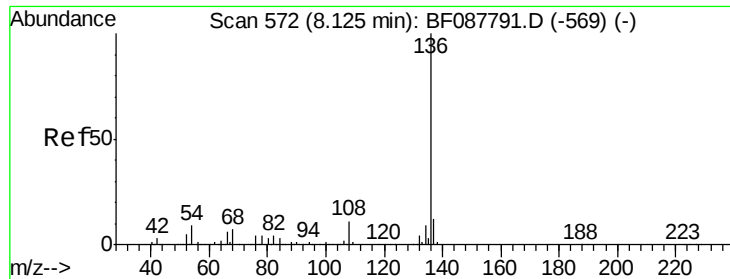
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.9	49.6	74.4		
101	9.4	7.1	10.7		
130	20.9	15.4	23.2		



#20
3+4-Methylphenols
Concen: 43.59 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.1	67.8	107.8		
77	102.5	59.3	99.3#		
79	29.1	7.0	47.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

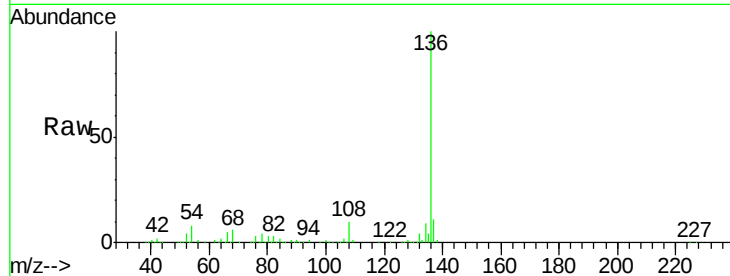
ClientSampleId :

PB91075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		411080		
137	11.2		9.1	13.7	
54	7.7		6.6	10.0	
68	6.1		5.1	7.7	

Manual Integrations
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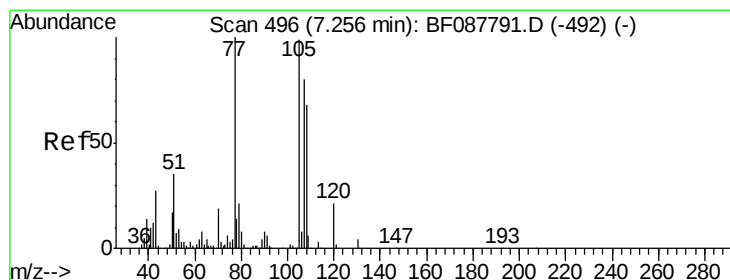
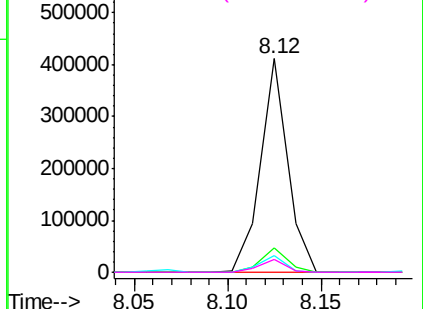
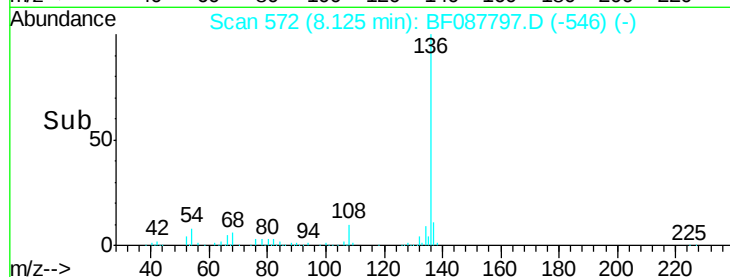
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.78 ng

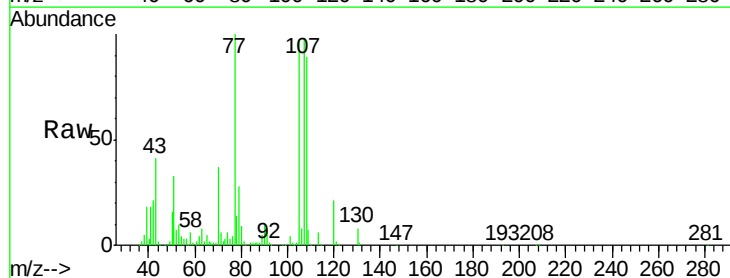
RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		347113		
71	6.6		5.3	7.9	
51	33.9		18.2	27.4	
120	22.1		18.0	27.0	



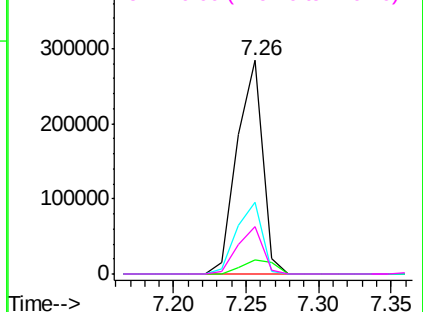
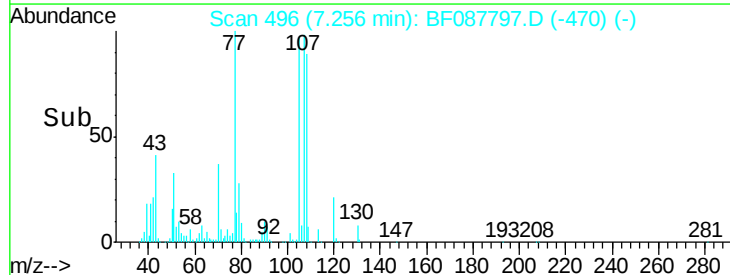
Abundance

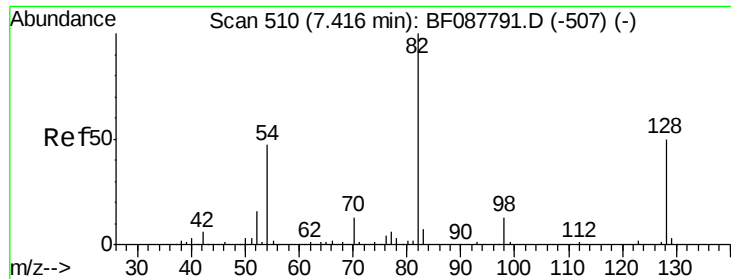
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





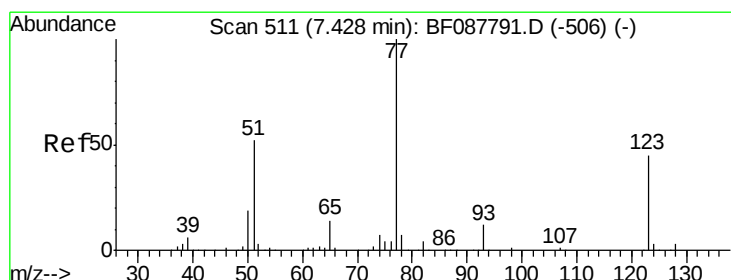
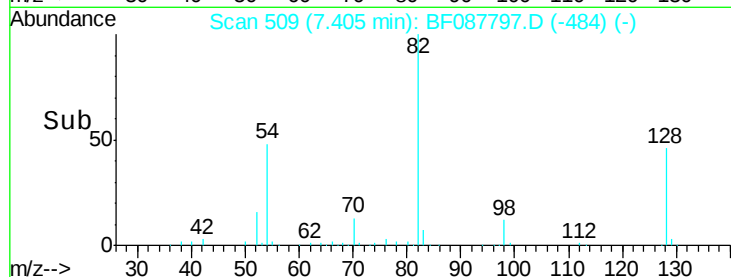
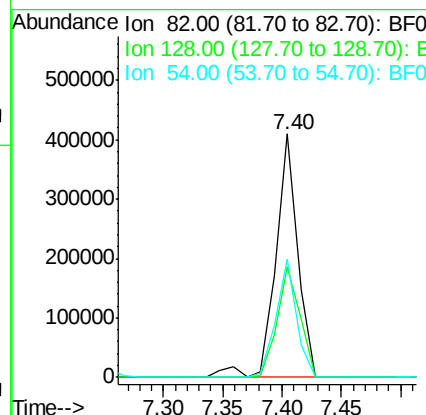
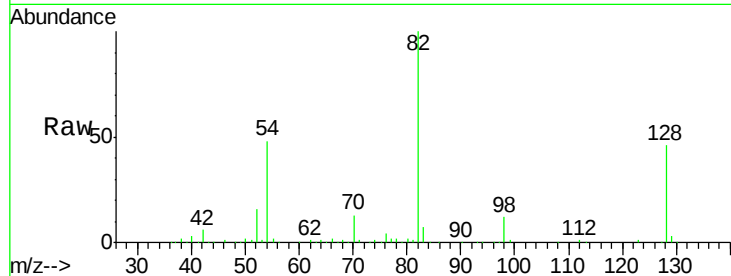
#23
Nitrobenzene-d5
Concen: 74.92 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.9	53.9
54	48.5	40.9	61.3

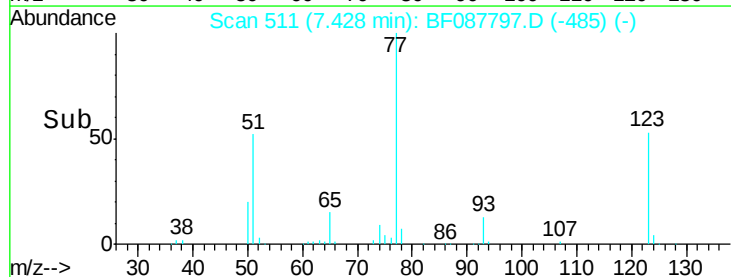
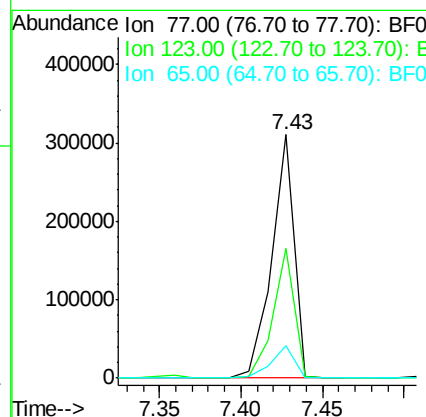
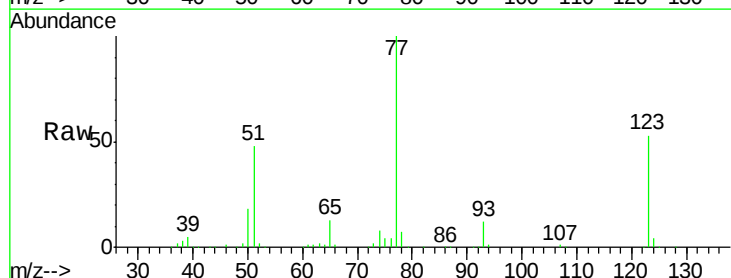
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#24
Nitrobenzene
Concen: 43.54 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	45.0	67.4
65	13.3	10.2	15.2





#25

Isophorone

Concen: 39.16 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

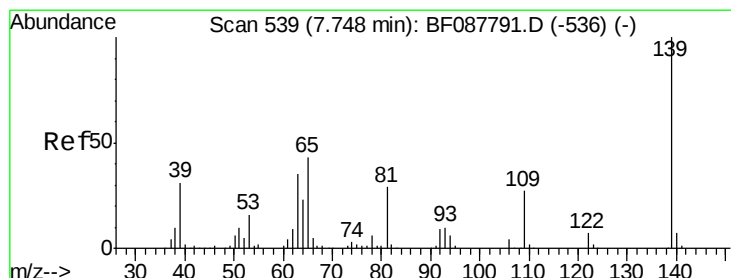
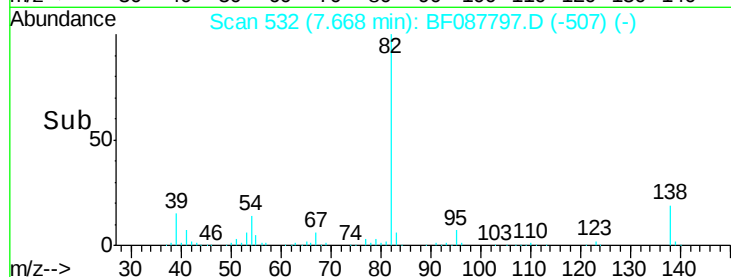
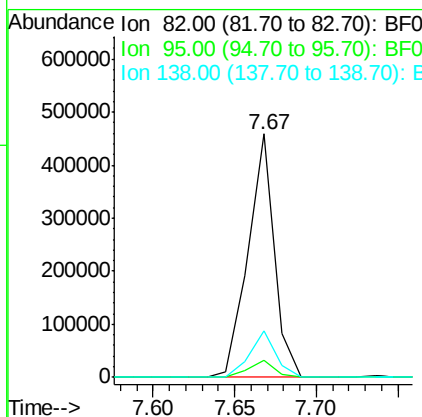
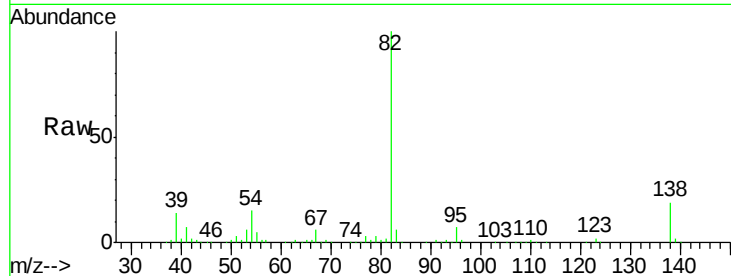
ClientSampleId :

PB91075BS

Tot Ion:	82	Resp:	510663
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.9	14.6	21.8

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#26

2-Nitrophenol

Concen: 41.93 ng

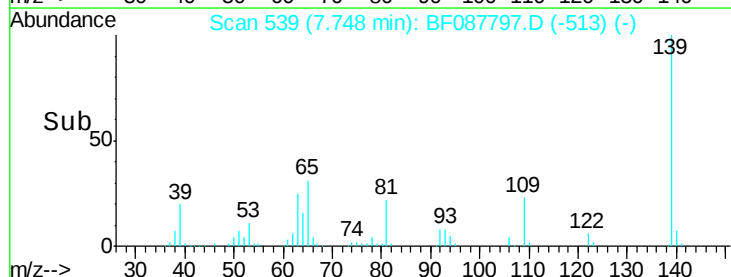
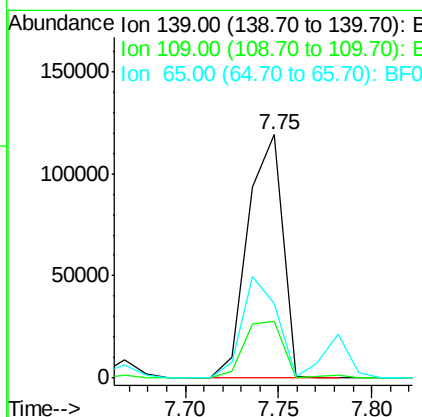
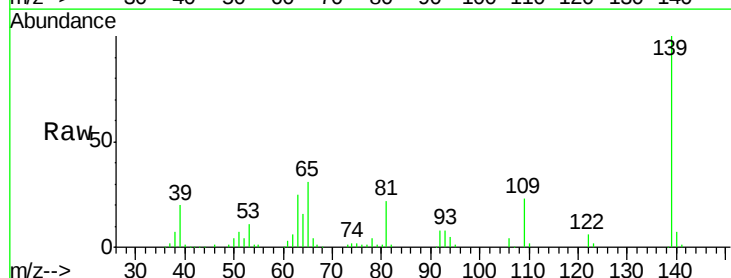
RT: 7.75 min Scan# 539

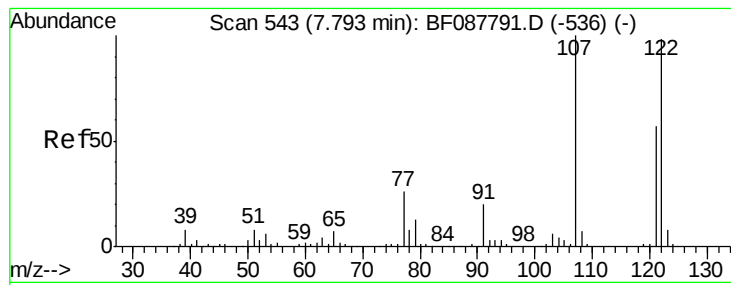
Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion:	139	Resp:	153181
Ion Ratio		Lower	Upper
139	100		
109	23.1	23.0	34.4
65	30.6	45.8	68.8#





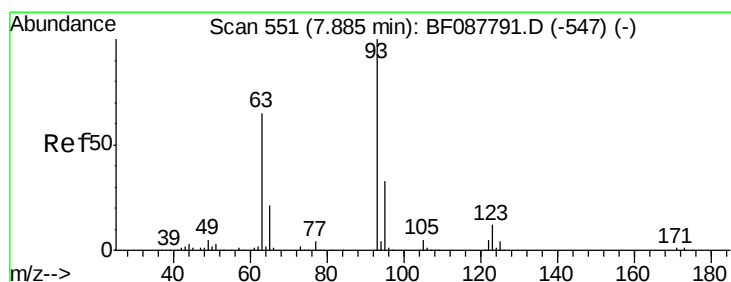
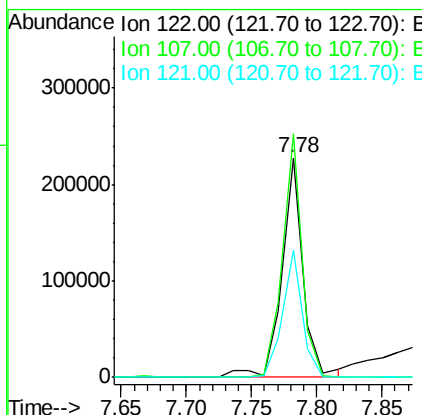
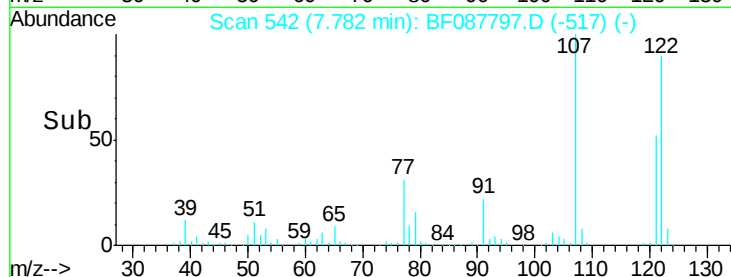
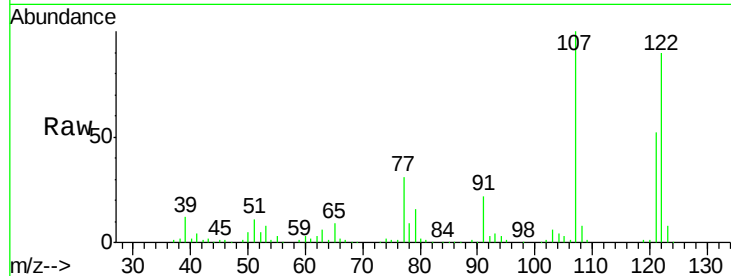
#27
2,4-Dimethylphenol
Concen: 38.52 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	259099		
107	110.9	82.4	123.6	
121	58.0	46.3	69.5	

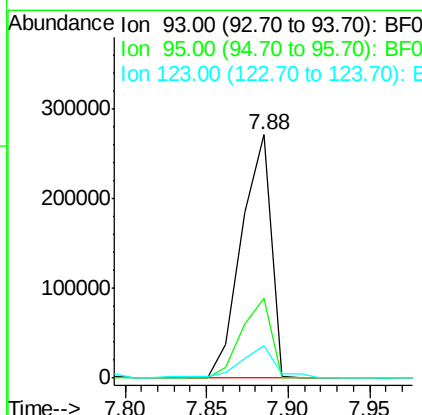
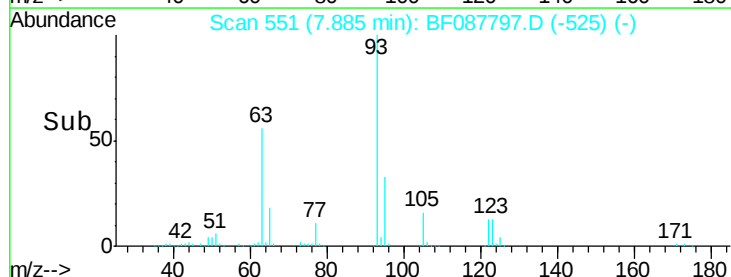
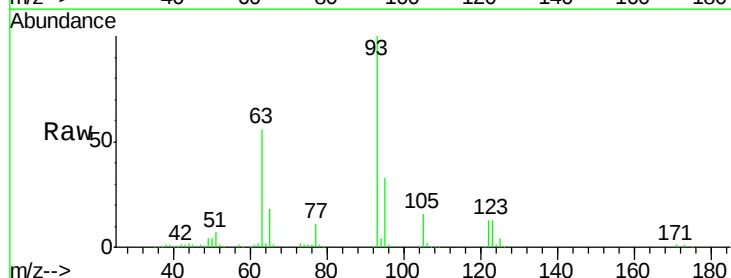
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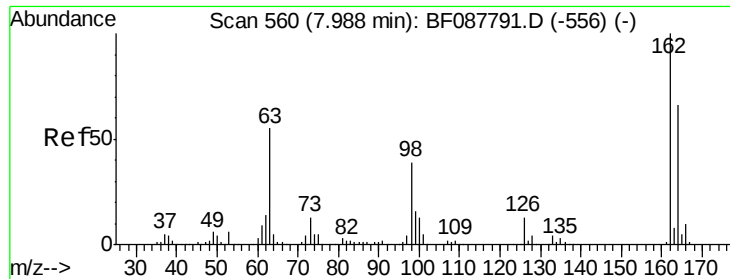
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#28
bis(2-Chloroethoxy)methane
Concen: 42.01 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	339782		
95	33.0	26.5	39.7	
123	13.4	11.6	17.4	





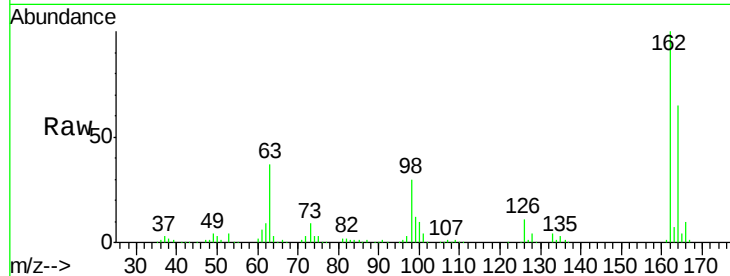
#29
 2,4-Dichlorophenol
 Concen: 45.26 ng
 RT: 7.99 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

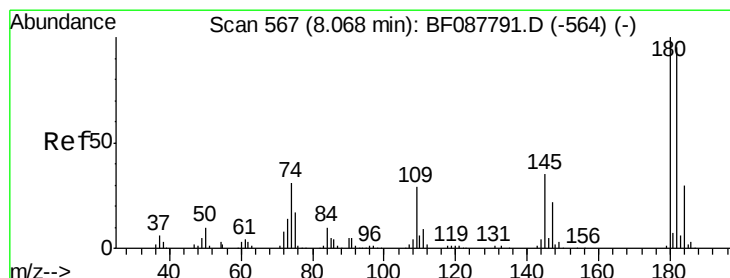
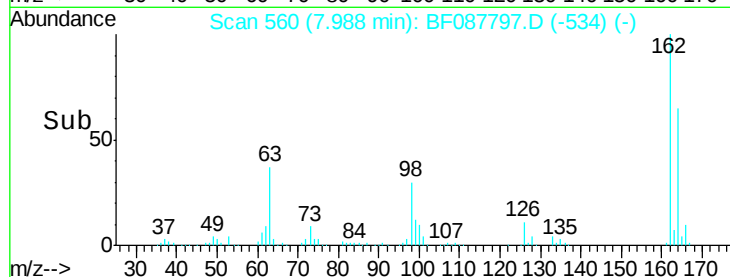
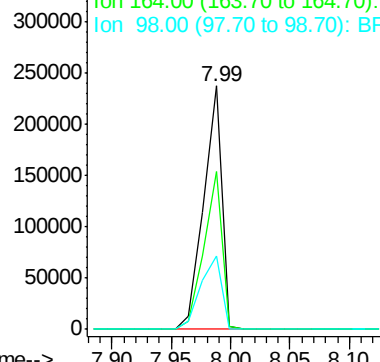
Tot Ion	Ratio	Resp	Lower	Upper
162	100	254169		
164	65.0	43.8	83.8	
98	30.3	21.3	61.3	

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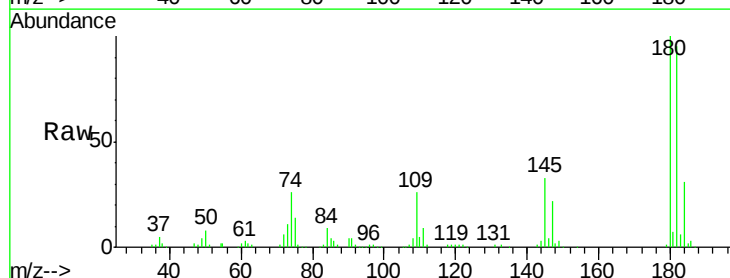


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

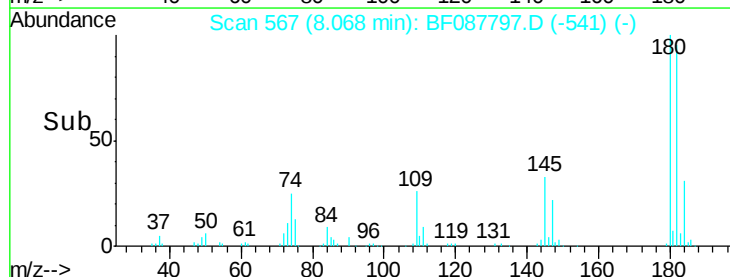
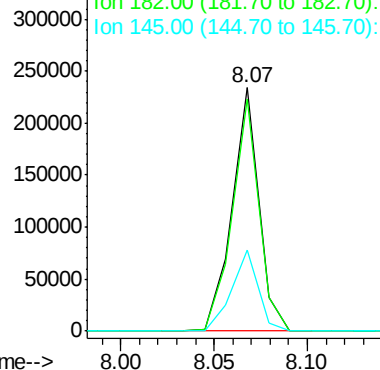


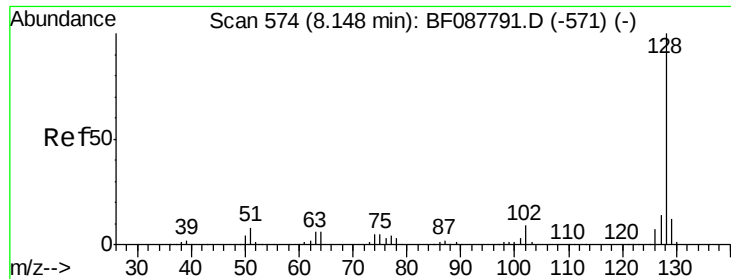
#30
 1,2,4-Trichlorobenzene
 Concen: 37.79 ng
 RT: 8.07 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	231065		
182	95.5	76.0	114.0	
145	33.1	26.5	39.7	



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





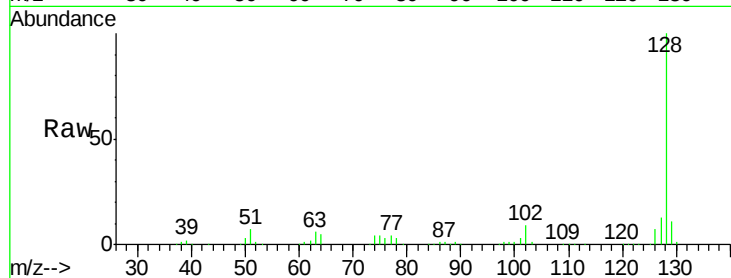
#31
Naphthalene
Concen: 38.99 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

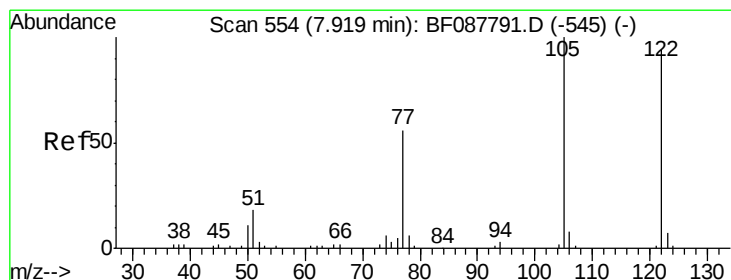
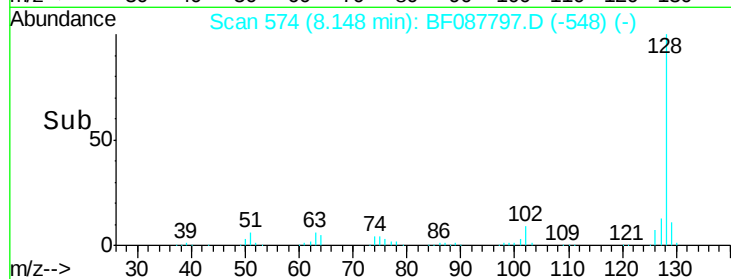
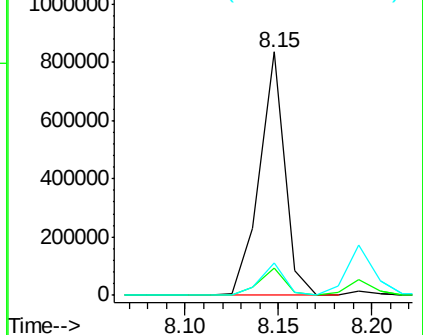
Tot Ion	Ratio	Resp	Lower	Upper
128	100	793264		
129	11.5		9.4	14.2
127	13.4		10.9	16.3

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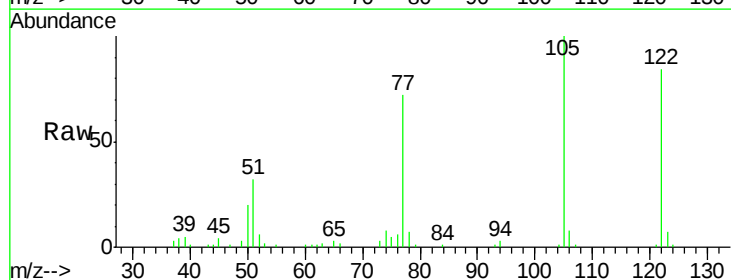


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

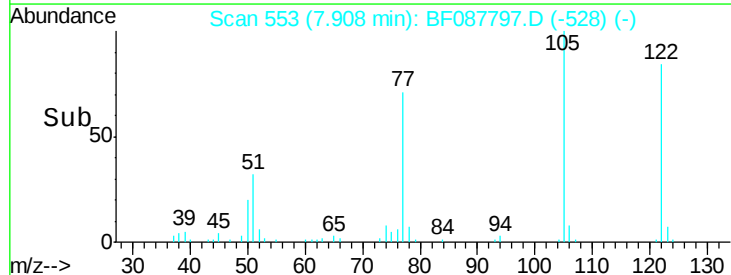
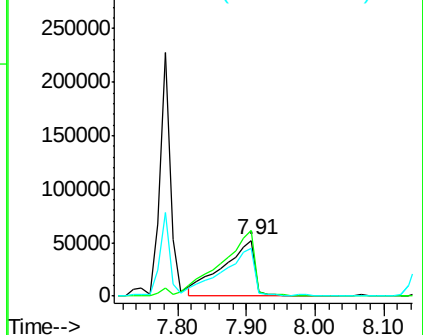


#32
Benzoic acid
Concen: 46.04 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	170491		
105	119.0		101.6	141.6
77	86.0		70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





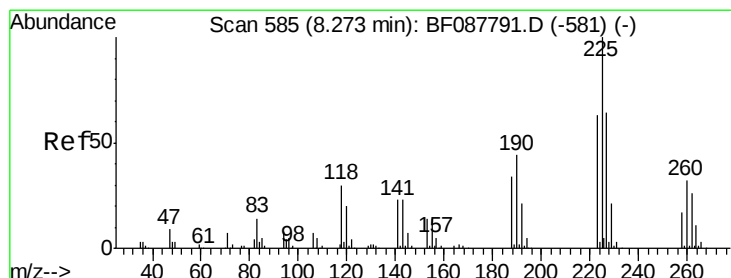
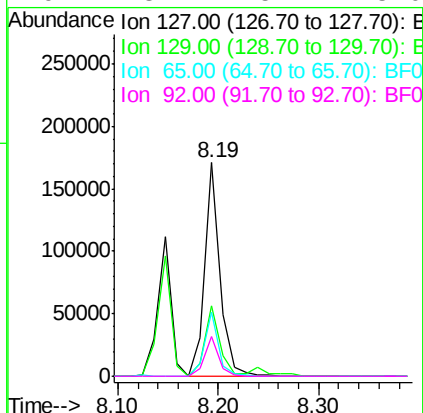
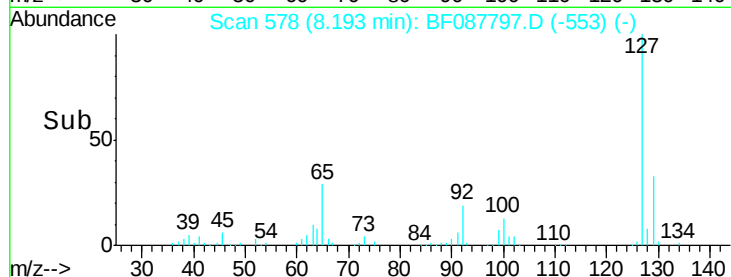
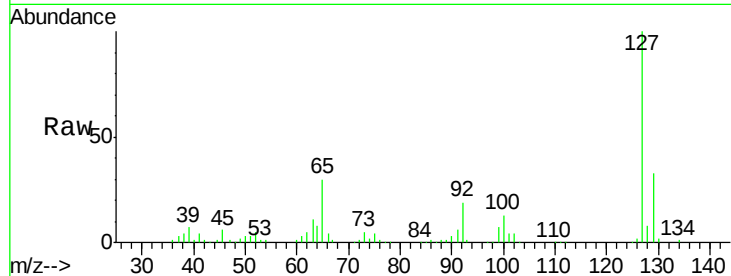
#33
4-Chloroaniline
Concen: 19.99 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.3	39.5		
65	30.2	24.7	37.1		
92	18.7	15.4	23.0		

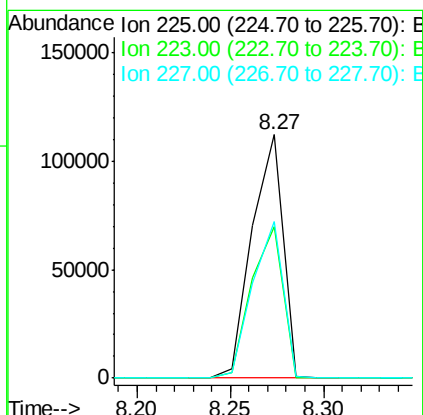
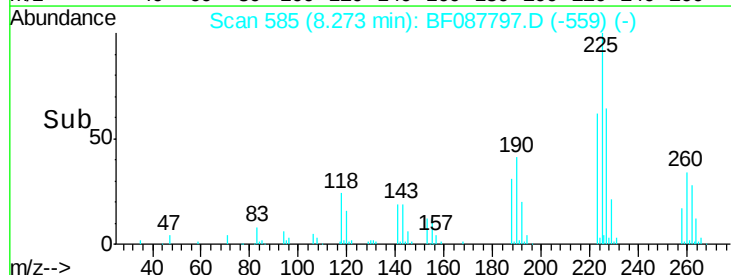
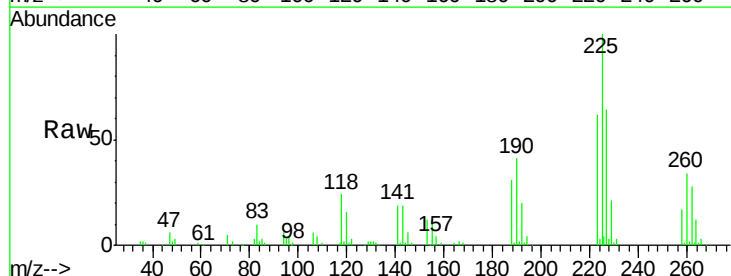
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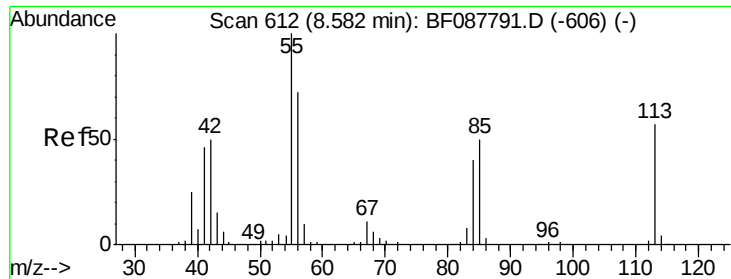
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#34
Hexachlorobutadiene
Concen: 39.95 ng
RT: 8.27 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.9	76.3		
227	64.1	51.9	77.9		





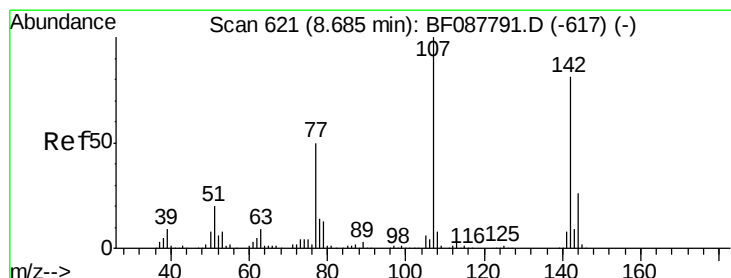
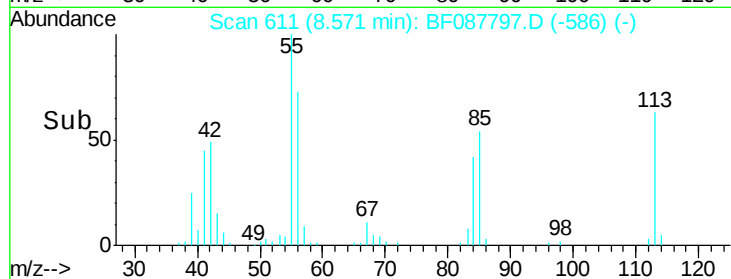
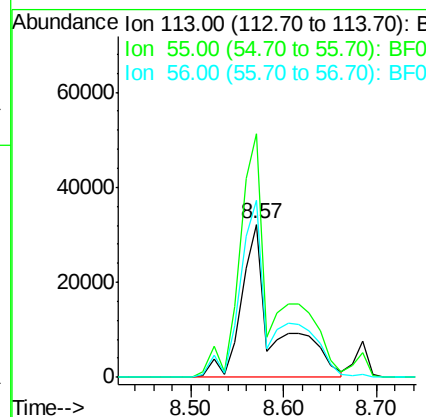
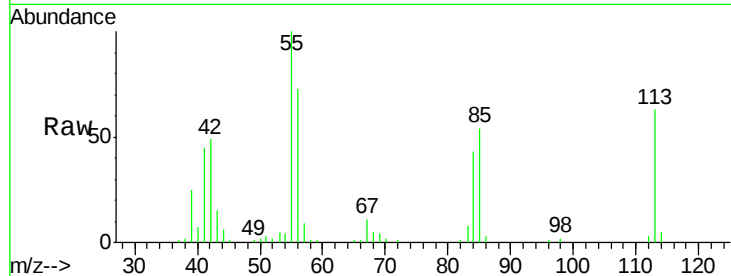
#35
 Caprolactam
 Concen: 43.51 ng/ml
 RT: 8.57 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.3	158.6	198.6
56	115.5	110.6	150.6

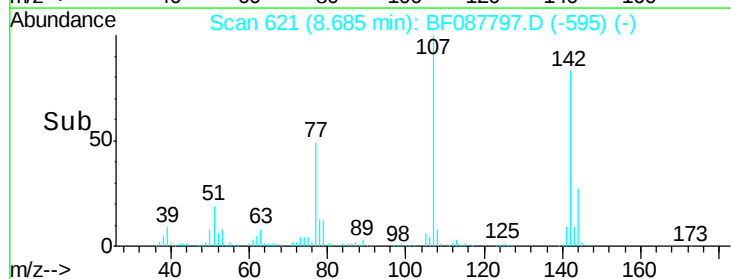
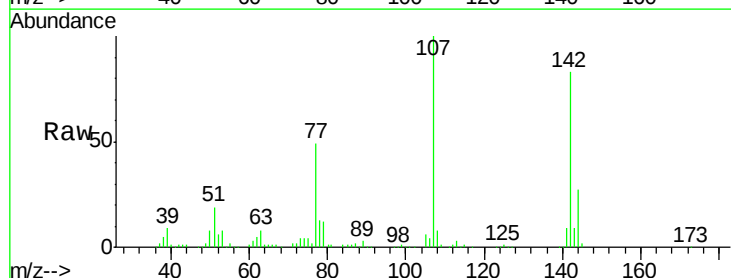
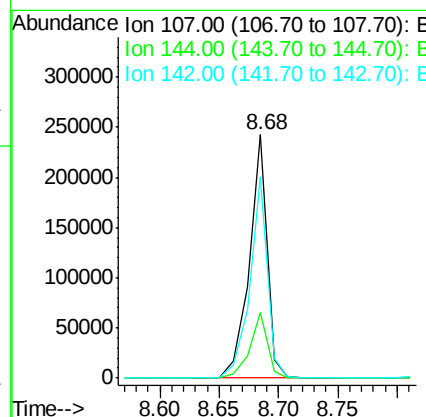
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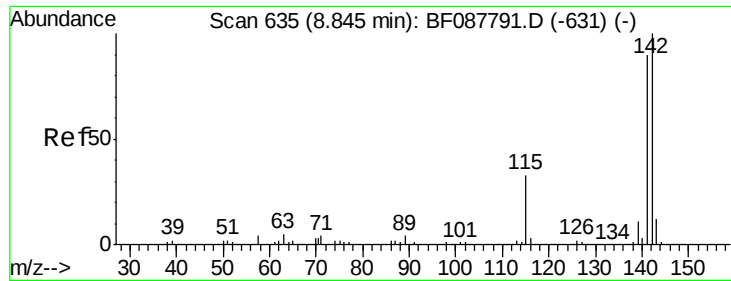
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#36
 4-Chloro-3-methylphenol
 Concen: 42.52 ng/ml
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.8	31.2
142	82.9	63.4	95.2





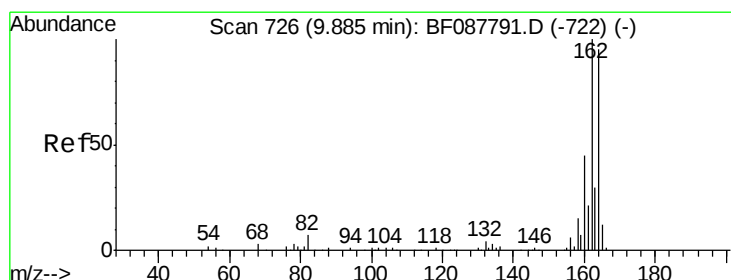
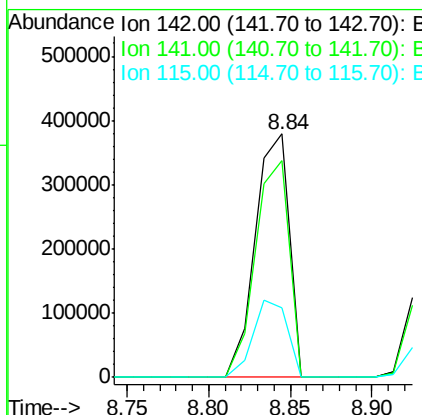
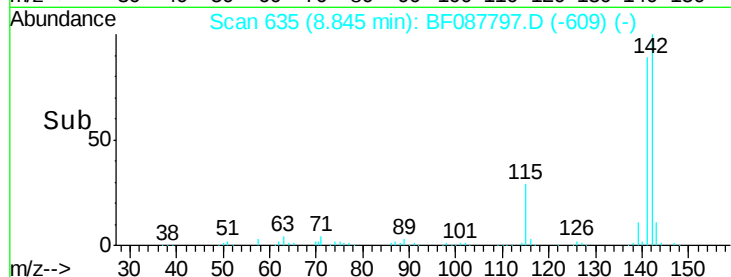
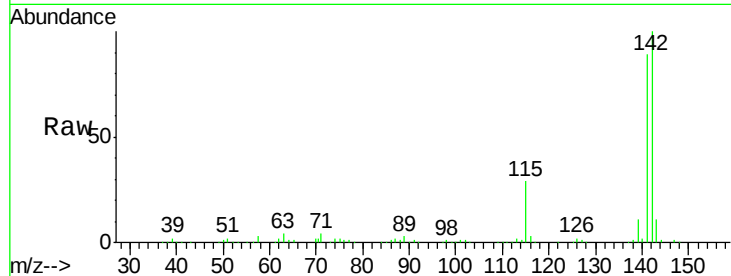
#37
2-Methylnaphthalene
Concen: 40.89 ng
RT: 8.84 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	28.8	22.6	33.8

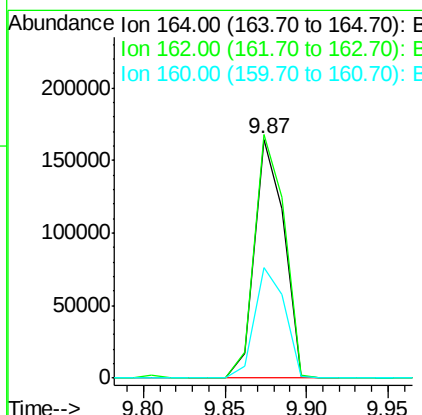
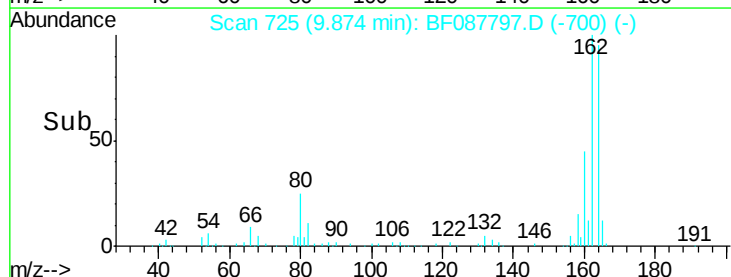
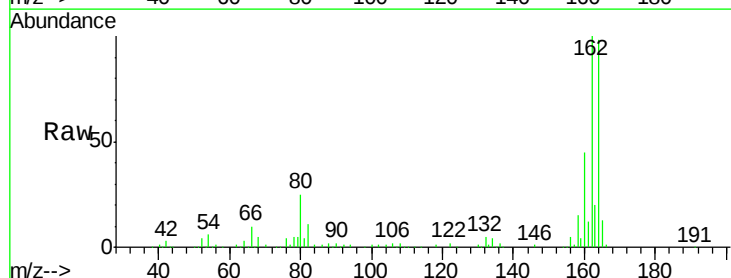
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	85.4	128.2
160	46.2	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.15 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		

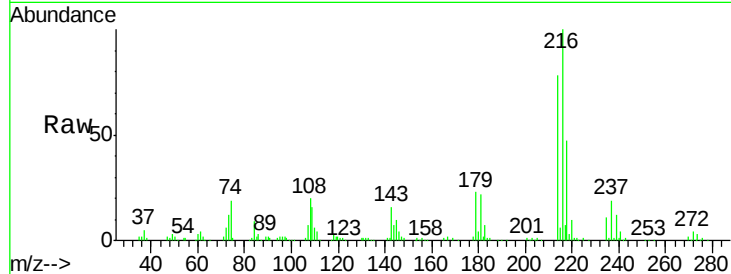
214	78.2	2.9	4.3#
-----	------	-----	------

179	23.0	0.0	0.0#
-----	------	-----	------

108	23.4	0.5	0.7#
-----	------	-----	------

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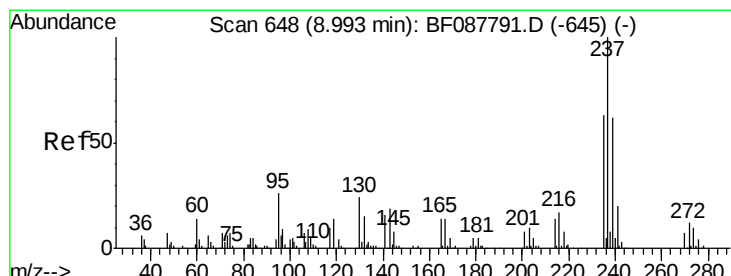
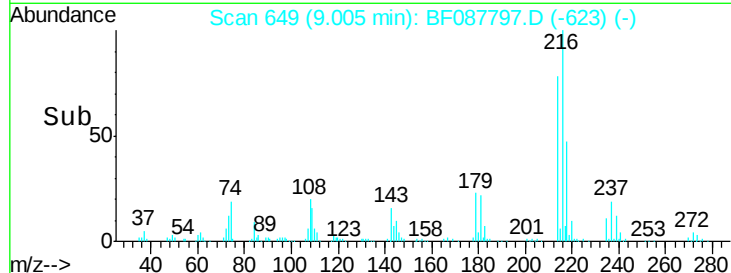
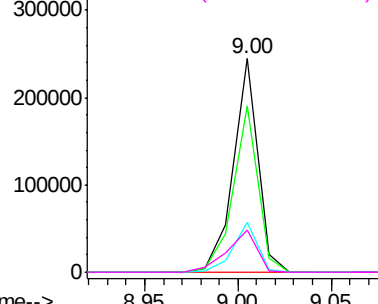


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.24 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

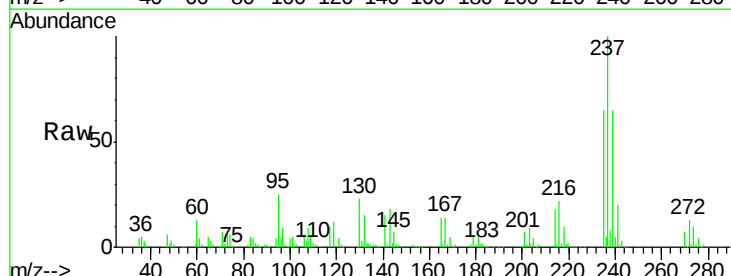
Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp Lower	Upper
237	100		

235	65.0	43.4	83.4
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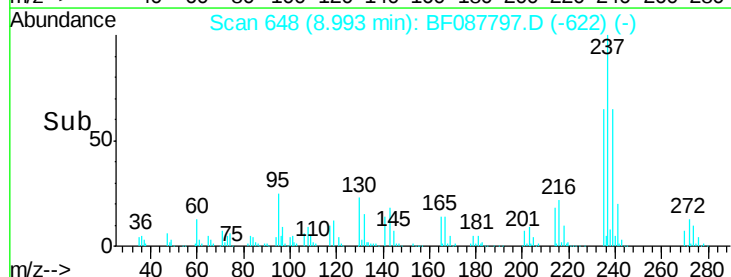
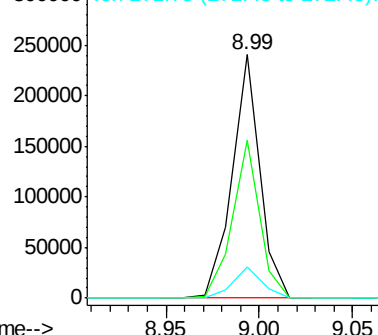
272	12.7	0.0	32.3
-----	------	-----	------

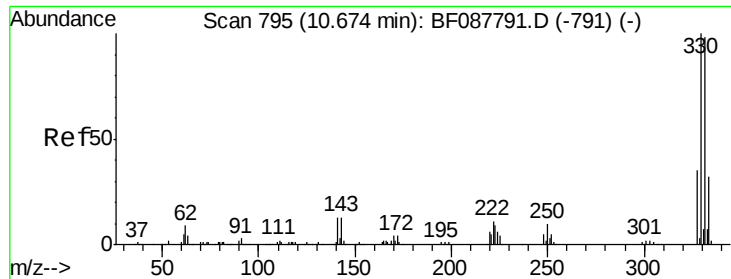


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





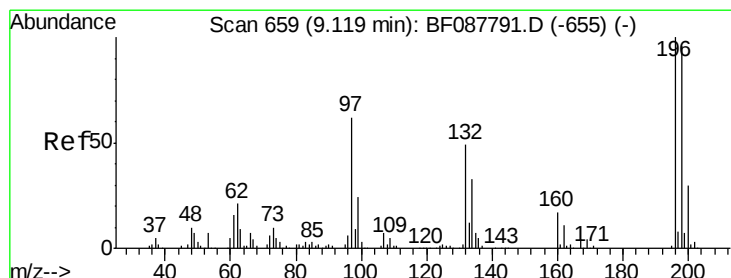
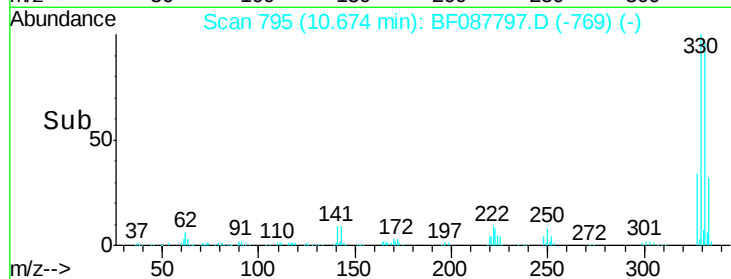
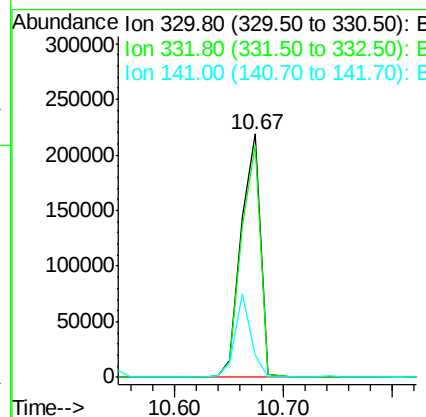
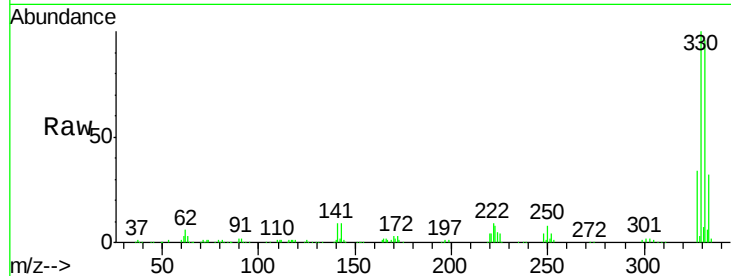
#41
 2,4,6-Tribromophenol
 Concen: 122.18 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	28.9	0.0	0.0#

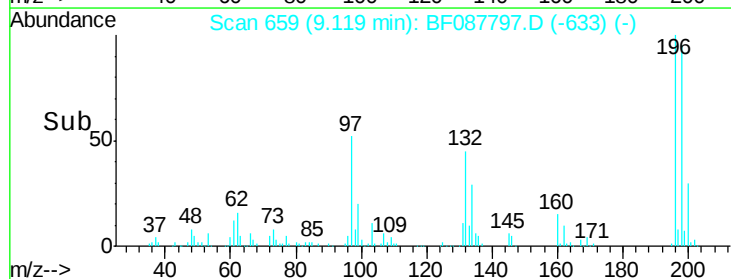
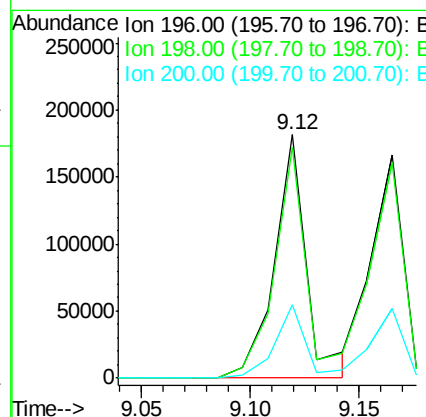
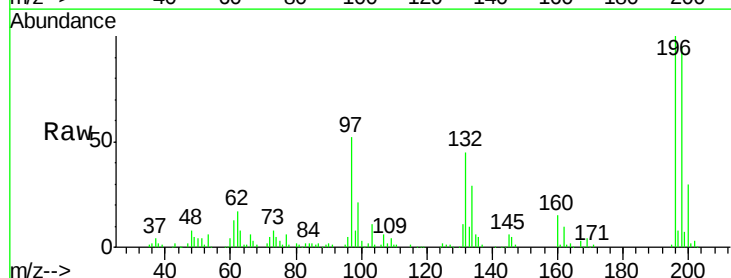
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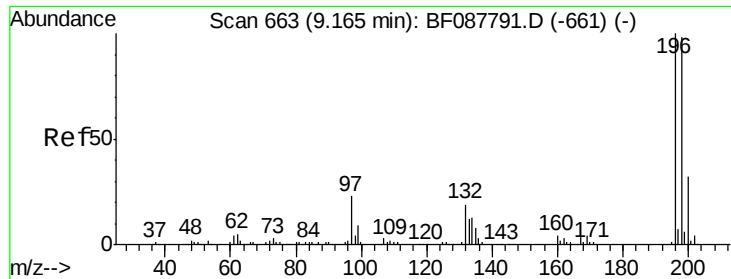
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#42
 2,4,6-Trichlorophenol
 Concen: 45.68 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.6	78.0	117.0
200	30.1	25.4	38.2





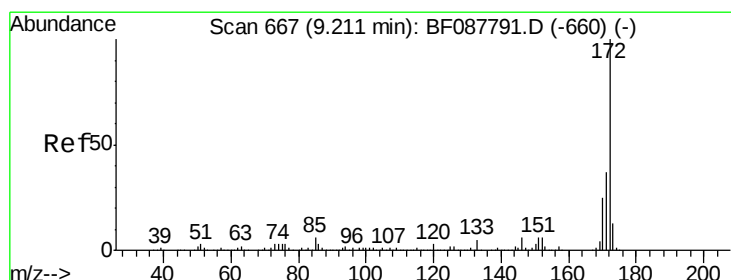
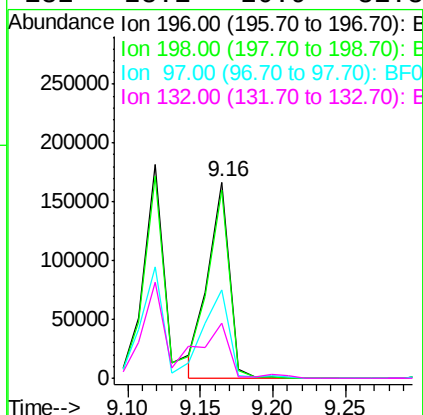
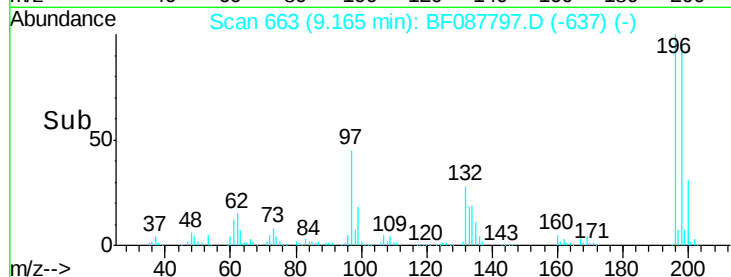
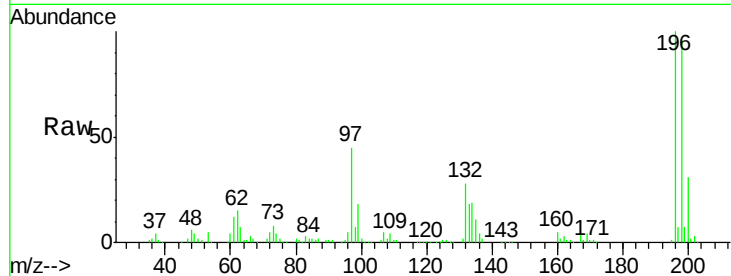
#43
 2,4,5-Trichlorophenol
 Concen: 40.08 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion:	196	Resp:	171284
Ion Ratio	Lower	Upper	
196	100		
198	96.2	77.5	116.3
97	44.8	32.0	48.0
132	28.1	20.9	31.3

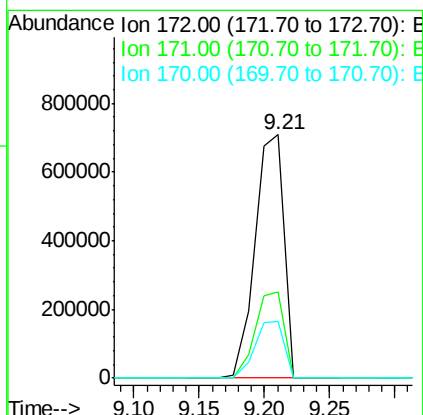
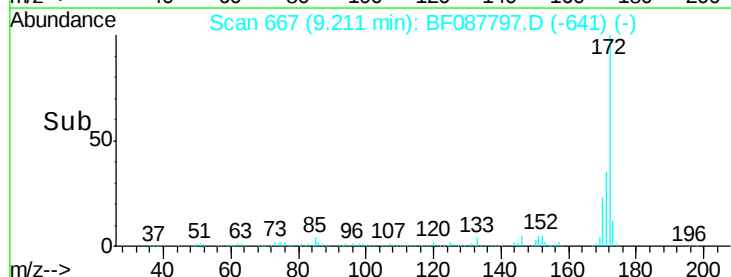
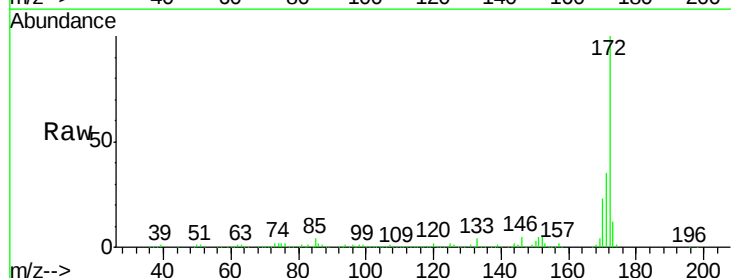
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#44
 2-Fluorobiphenyl
 Concen: 83.24 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:	172	Resp:	1089990
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	43.0
170	23.3	19.2	28.8





#45

1,1'-Biphenyl

Concen: 40.21 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

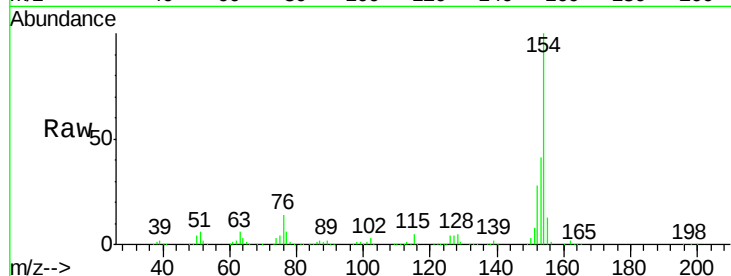
ClientSampleId :

PB91075BS

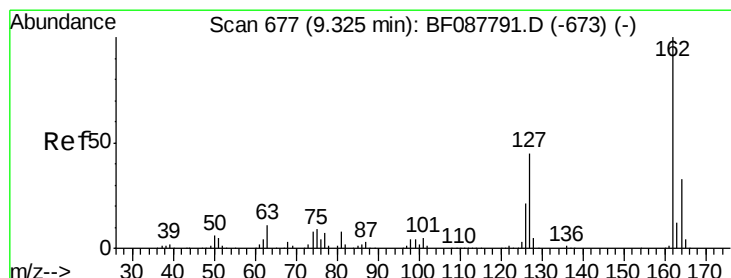
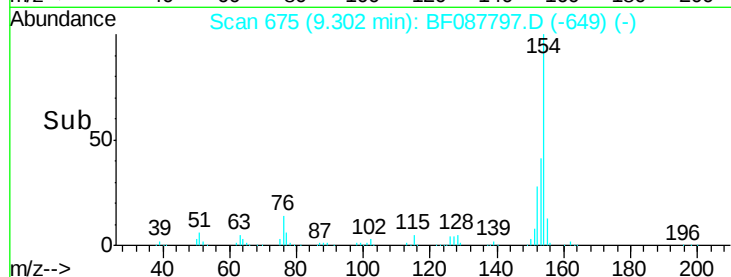
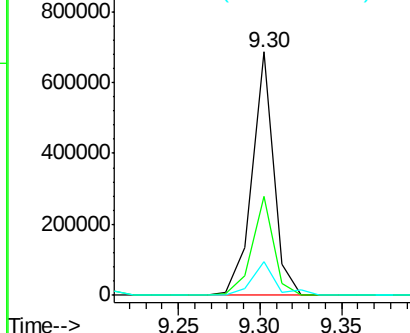
Tot Ion:	154	Resp:	630182
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	13.6	0.0	35.1

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



#46

2-Chloronaphthalene

Concen: 36.73 ng

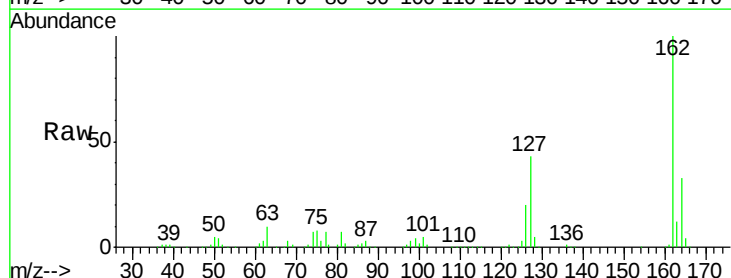
RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

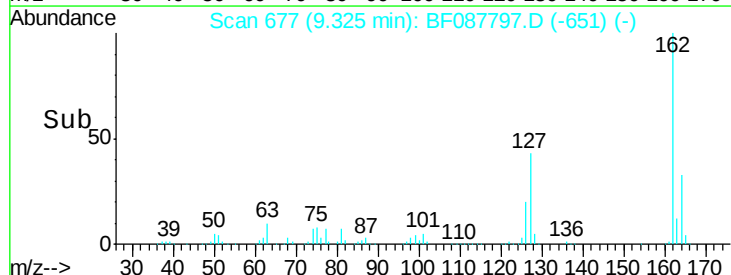
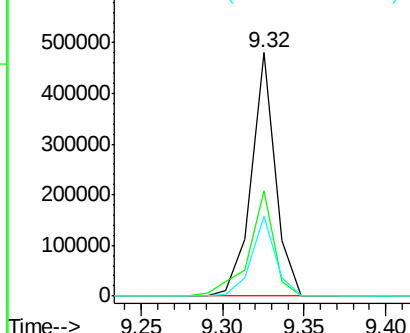
Lab File: BF087797.D

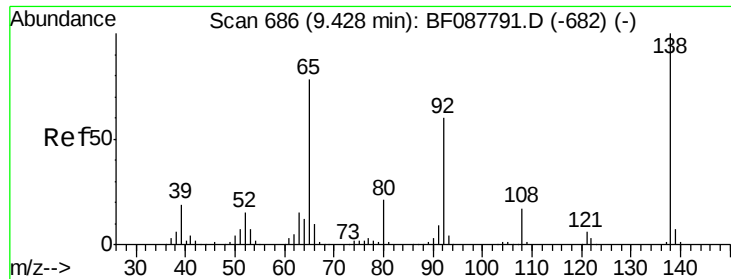
Acq: 7 Jun 2016 19:24

Tgt Ion:	162	Resp:	488218
Ion Ratio	Lower	Upper	
162	100		
127	43.3	35.2	52.8
164	33.0	26.6	39.8



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





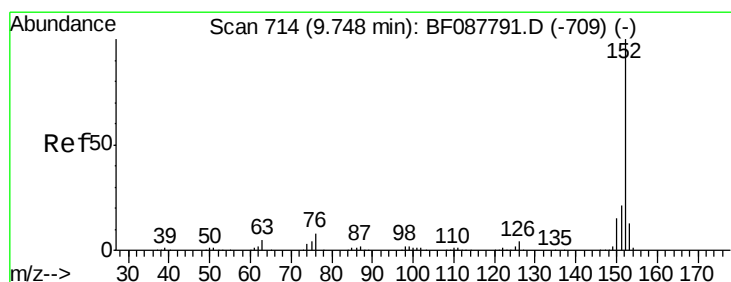
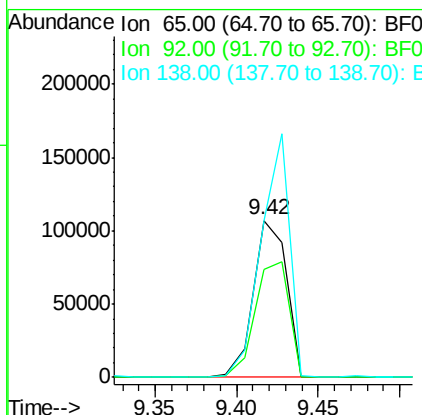
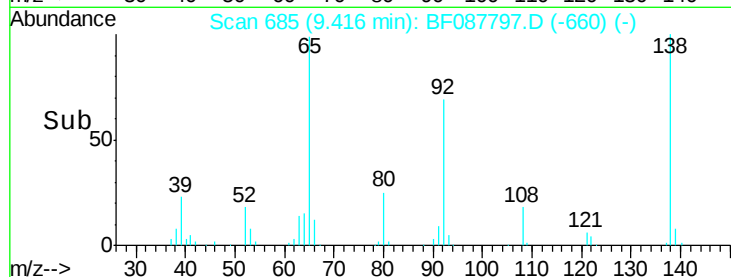
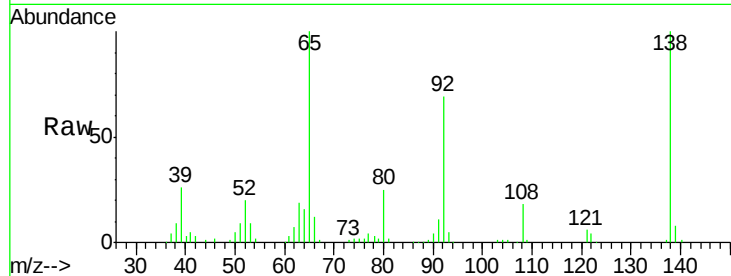
#47
2-Nitroaniline
Concen: 38.82 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	54.6	82.0
138	99.7	77.0	115.4

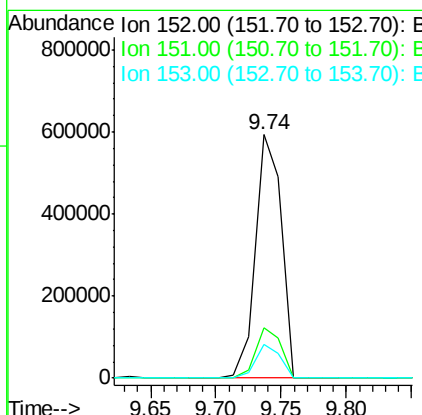
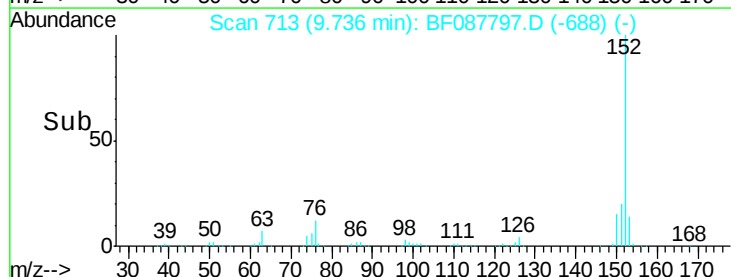
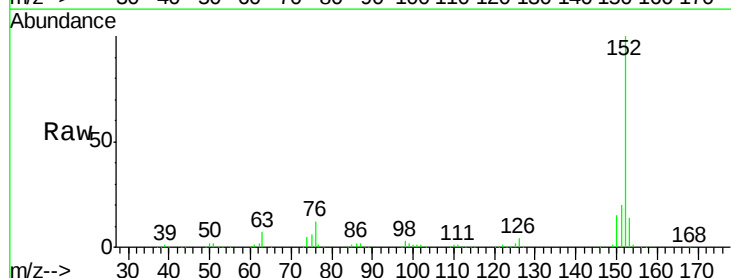
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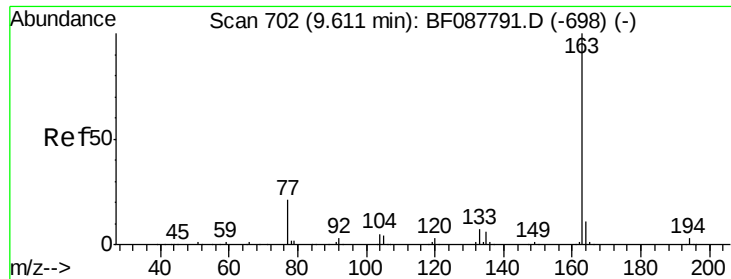
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#48
Acenaphthylene
Concen: 38.74 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.7	11.0	16.6





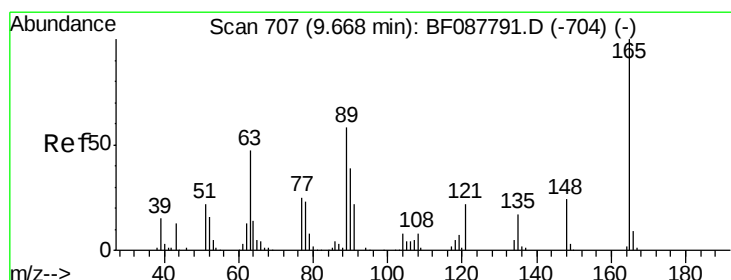
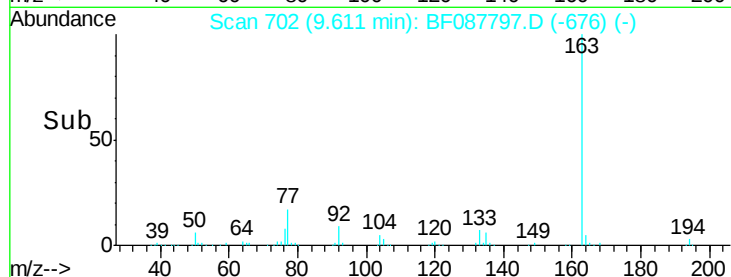
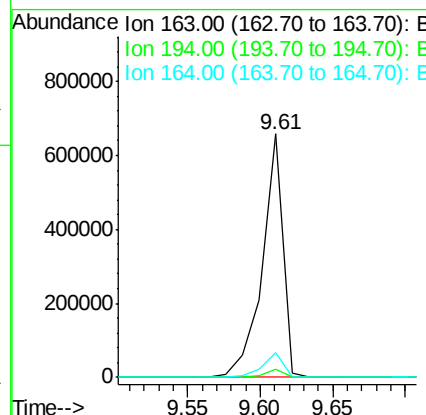
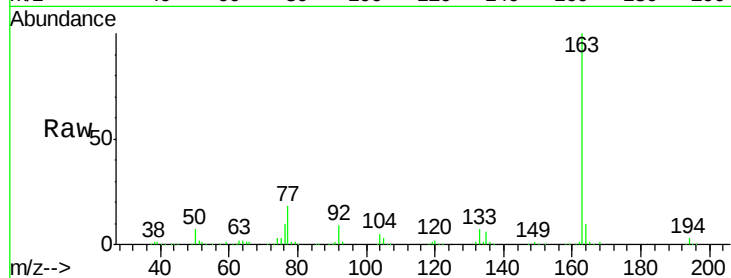
#49
Dimethylphthalate
Concen: 43.79 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	651564		
194	3.4		2.8	4.2
164	10.2		8.3	12.5

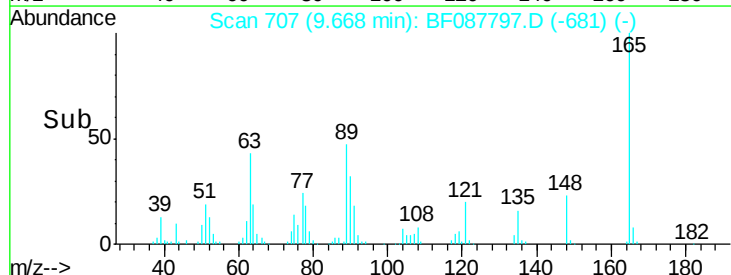
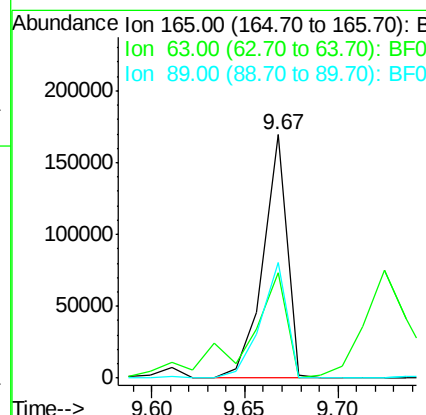
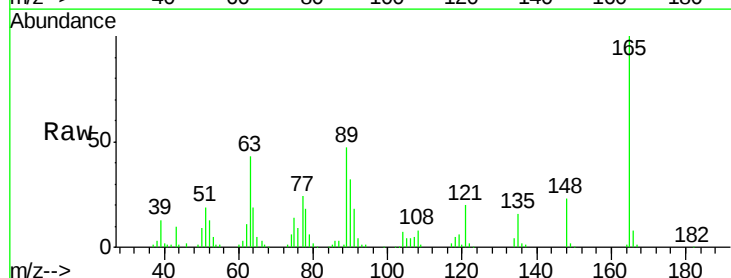
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#50
2,6-Dinitrotoluene
Concen: 45.25 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154203		
63	43.5		28.1	42.1#
89	47.4		32.2	48.2





#51

Acenaphthene

Concen: 42.47 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

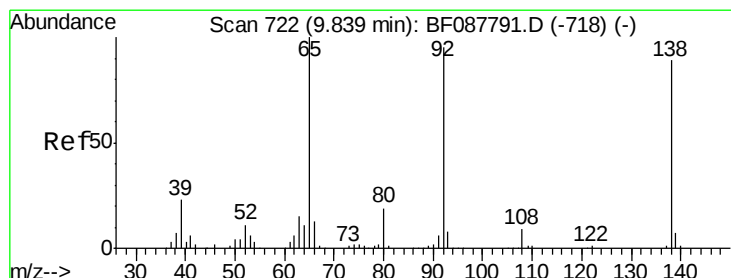
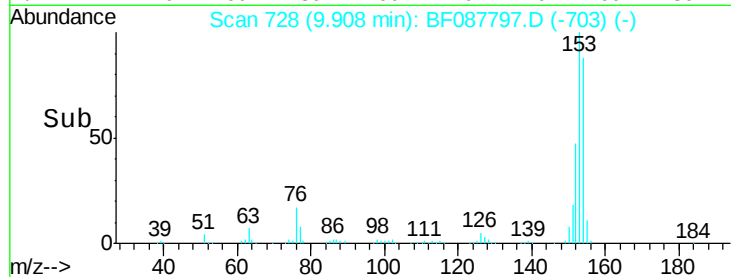
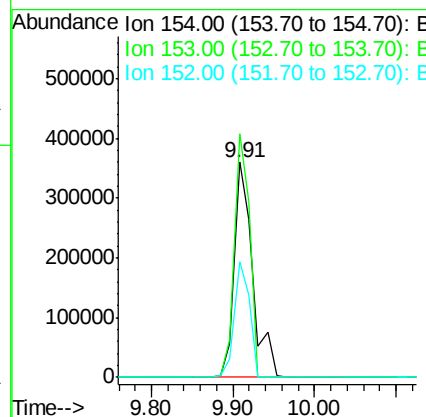
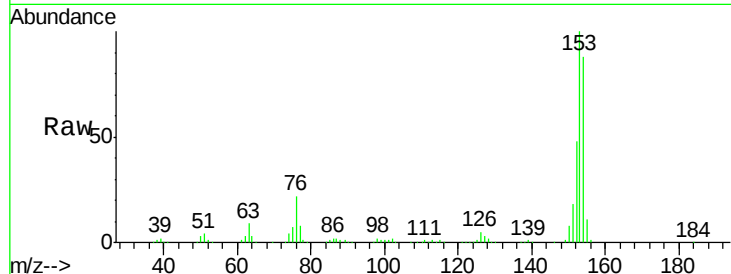
ClientSampled :

PB91075BS

Tot Ion:	154	Resp:	560146
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.5	134.3
152	53.8	42.7	64.1

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#52

3-Nitroaniline

Concen: 22.79 ng

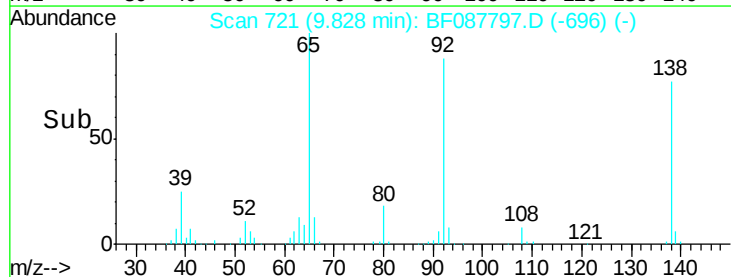
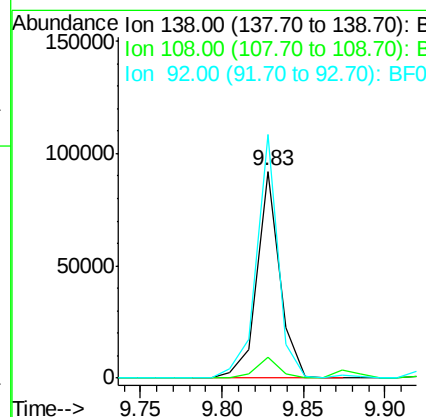
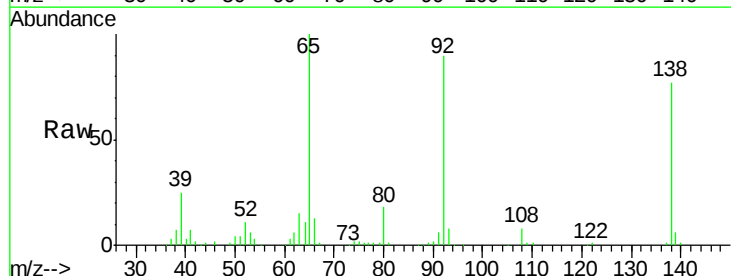
RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion:	138	Resp:	89604
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.5	12.7
92	117.9	95.7	143.5





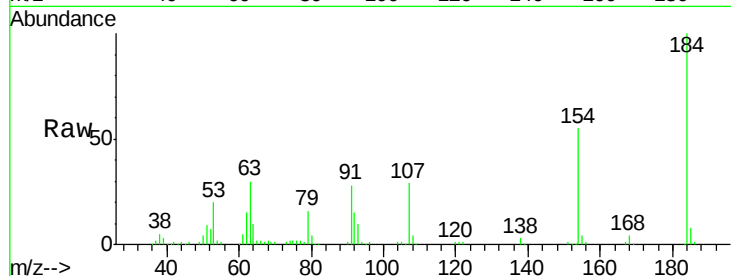
#53
2,4-Dinitrophenol
Concen: 82.30 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleID :
PB91075BS

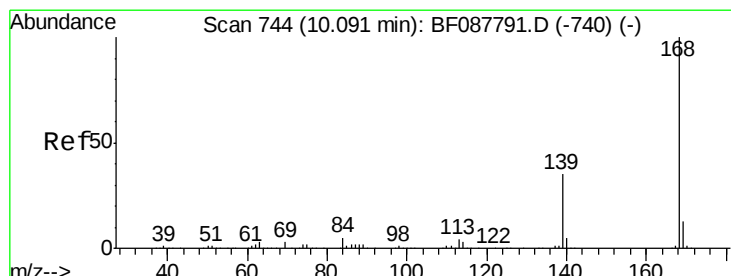
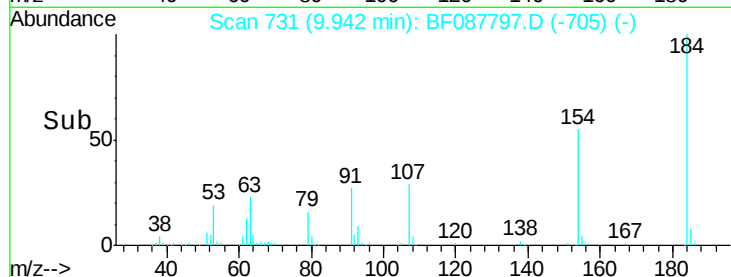
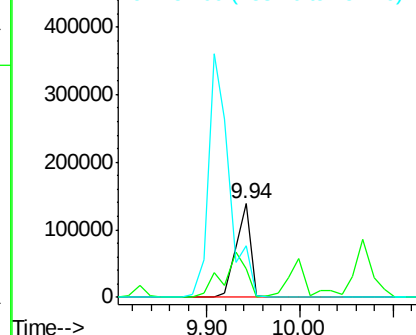
Tot Ion	Ratio	Resp	Lower	Upper
184	100	154859		
63	30.2	57.6	86.4	#
154	55.0	53.5	80.3	

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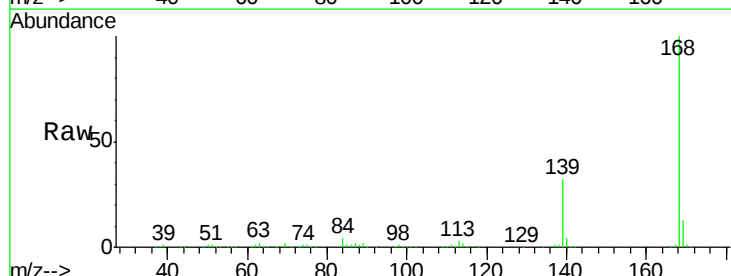


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

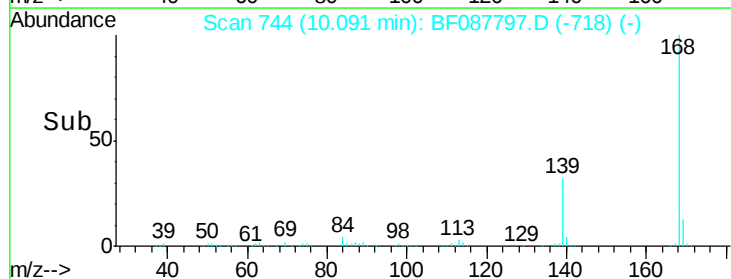
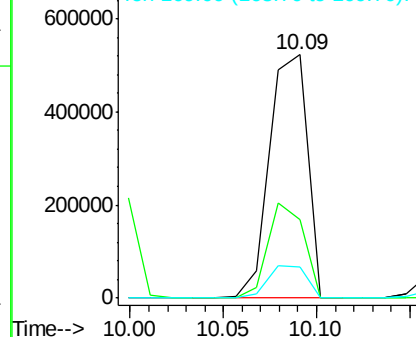


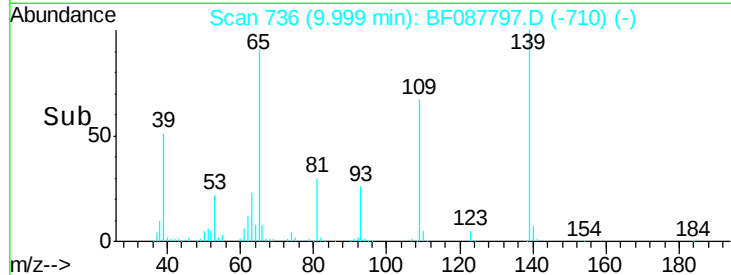
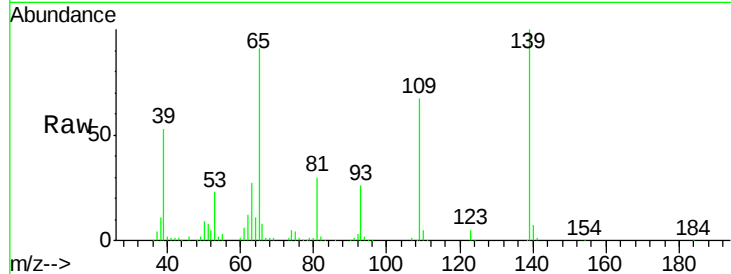
#54
Dibenzofuran
Concen: 40.60 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	737506		
139	32.2	26.4	39.6	
169	13.0	10.4	15.6	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





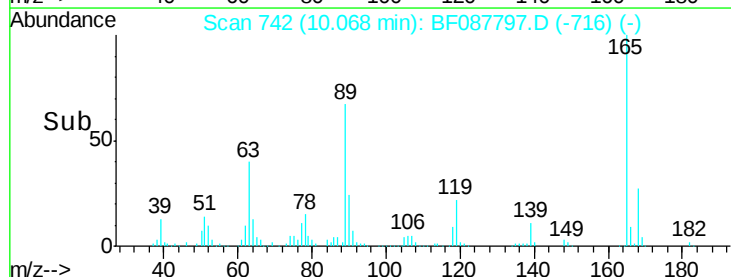
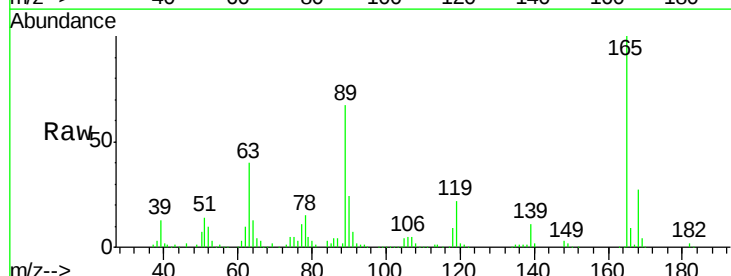
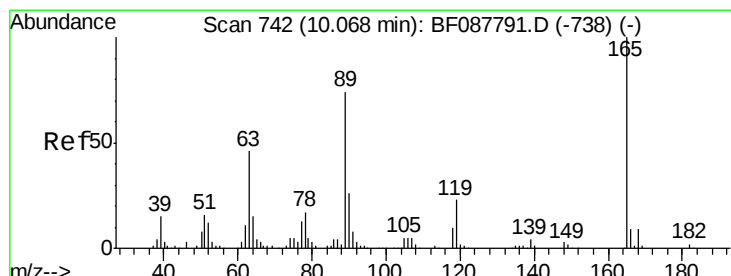
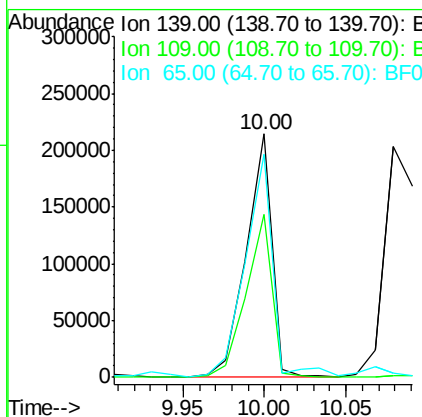
#55
4-Nitrophenol
Concen: 77.28 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tot Ion	Ratio	Resp	Lower	Upper
139	100	235863		
109	67.2	48.9	88.9	
65	91.4	84.9	124.9	

Instrument :
BNA_F
ClientSampleId :
PB91075BS

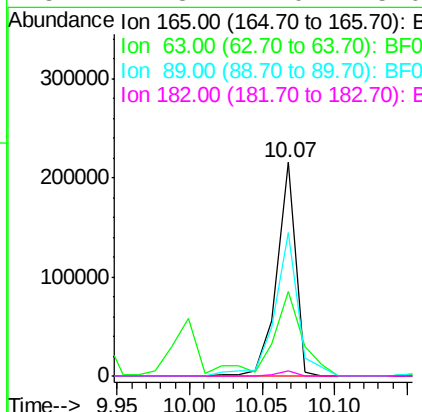
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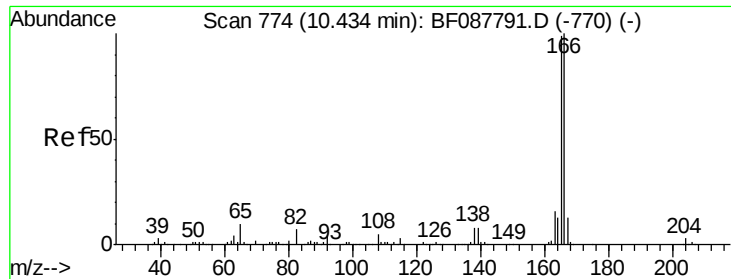
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#56
2,4-Dinitrotoluene
Concen: 44.45 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194640		
63	39.7	22.0	33.0#	
89	67.1	41.1	61.7#	
182	2.3	2.0	3.0	





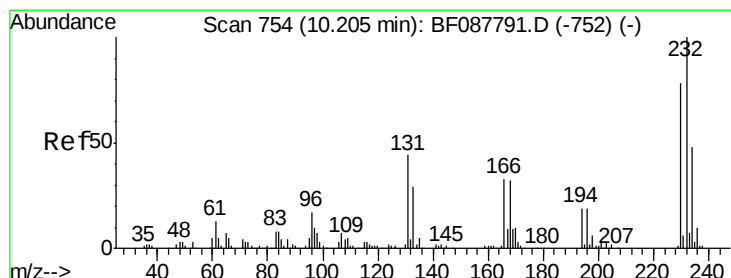
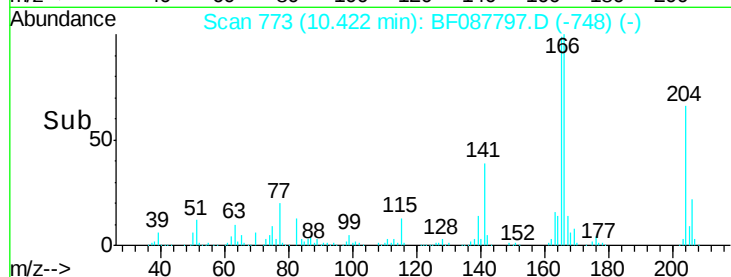
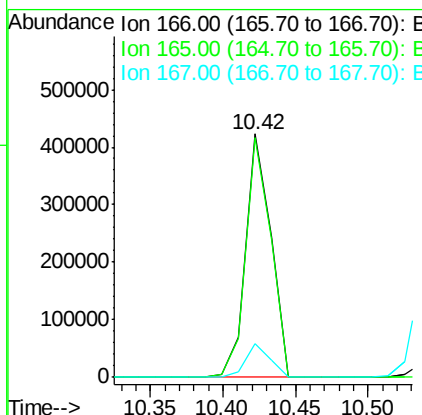
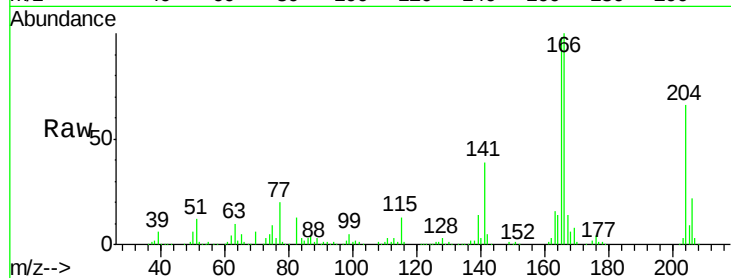
#57
Fluorene
 Concen: 41.06 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	77.8	116.8	
167	14.1	11.2	16.8	

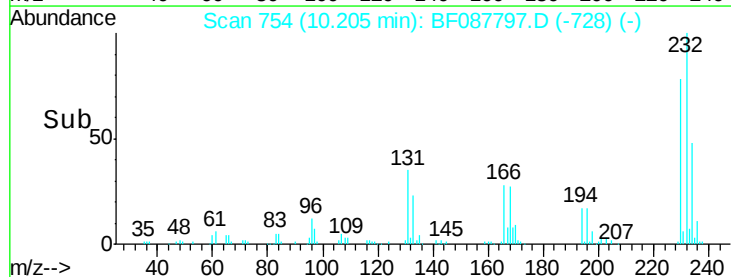
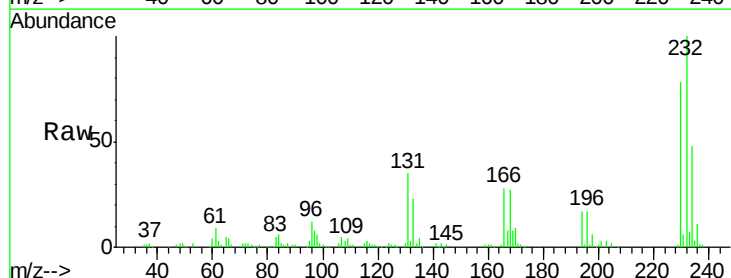
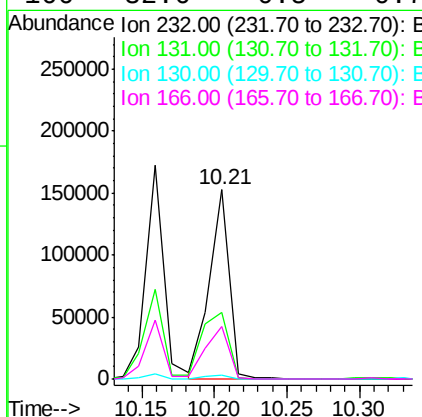
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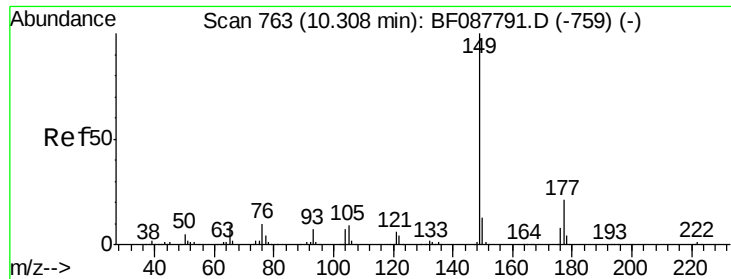
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.51 ng
 RT: 10.21 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.0	0.9	1.3#	
130	2.3	1.5	2.3#	
166	32.6	0.5	0.7#	





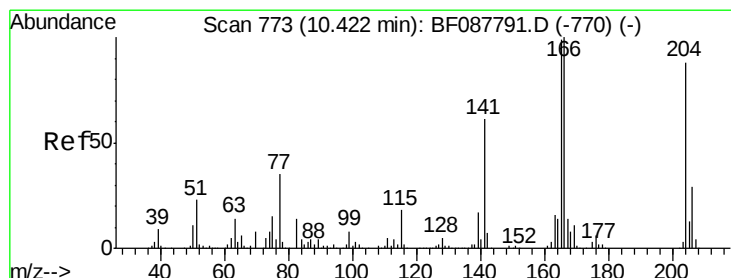
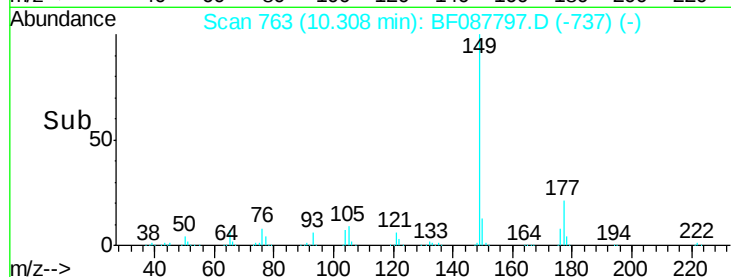
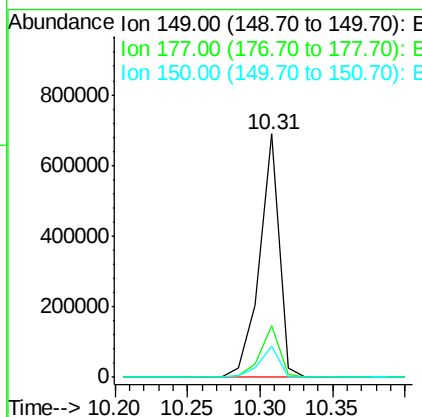
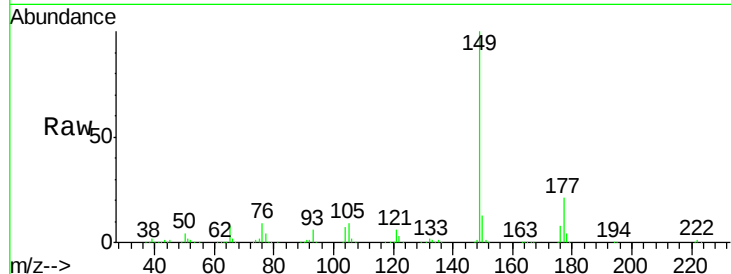
#59
Diethylphthalate
Concen: 43.16 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	650094		
177	21.3	16.9	25.3	
150	12.6	10.1	15.1	

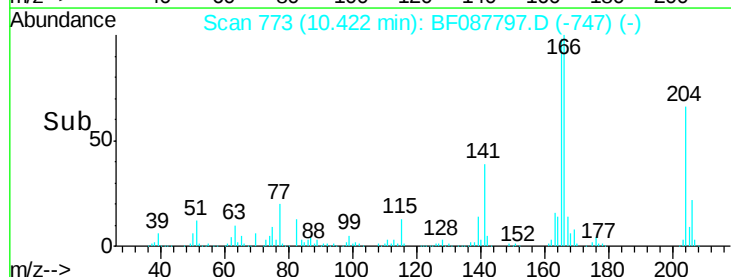
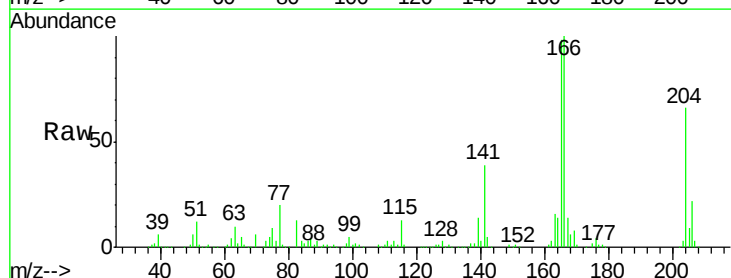
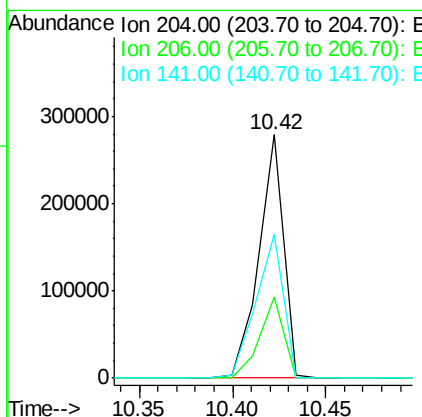
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#60
4-Chlorophenyl-phenylether
Concen: 42.03 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	253920		
206	33.0	26.3	39.5	
141	59.0	55.0	82.6	





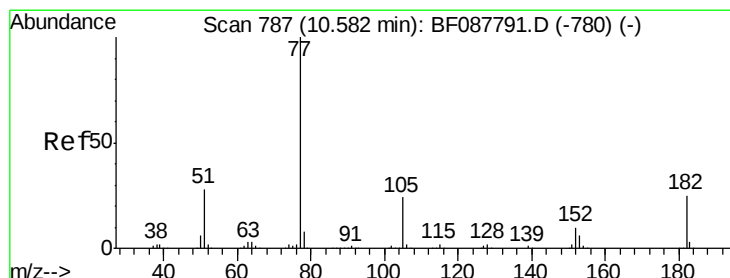
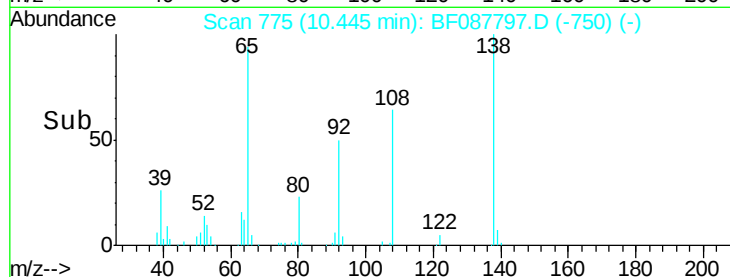
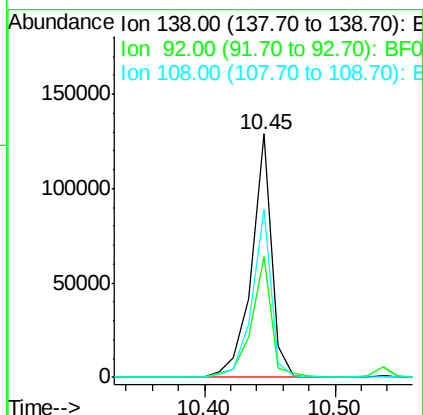
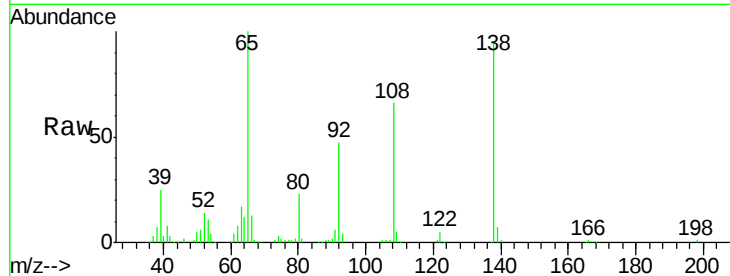
#61
4-Nitroaniline
Concen: 37.18 ng
RT: 10.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	138667		
92	49.8	27.3	67.3	
108	69.0	46.7	86.7	

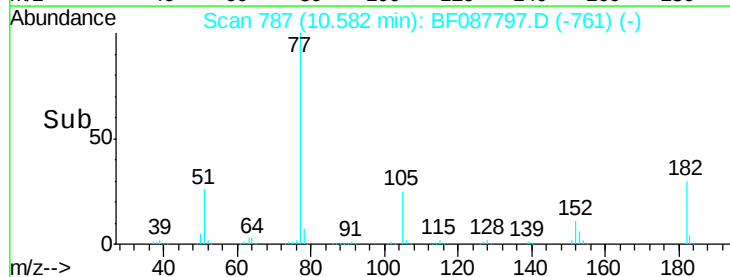
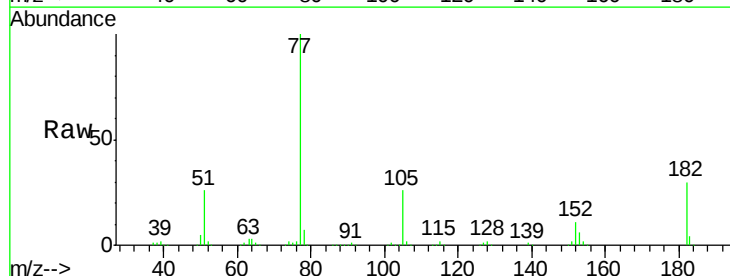
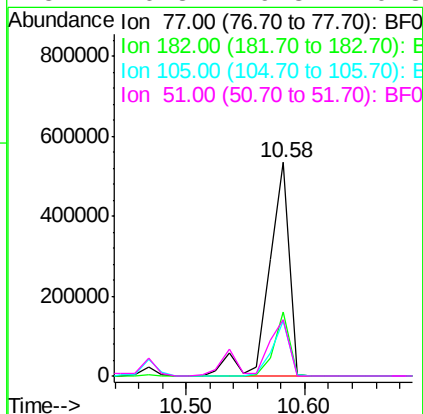
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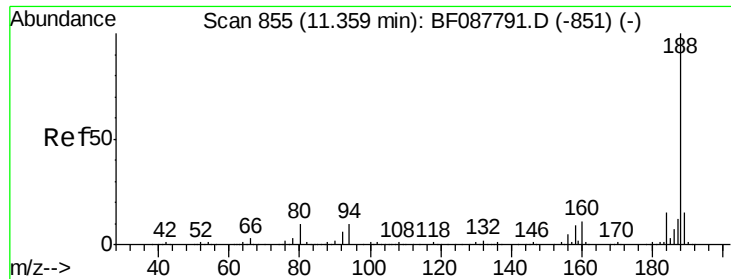
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#62
Azobenzene
Concen: 43.05 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	641189		
182	30.2	4.4	44.4	
105	25.6	3.8	43.8	
51	26.3	9.3	49.3	





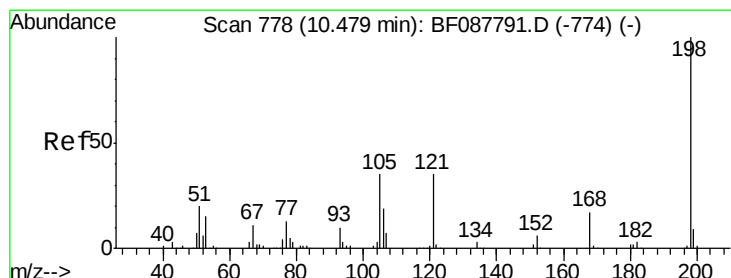
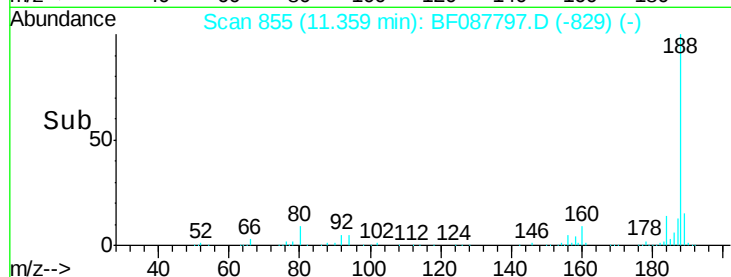
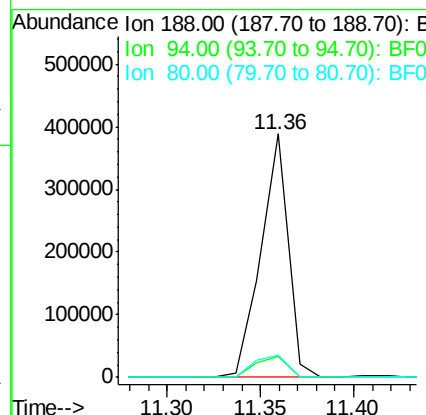
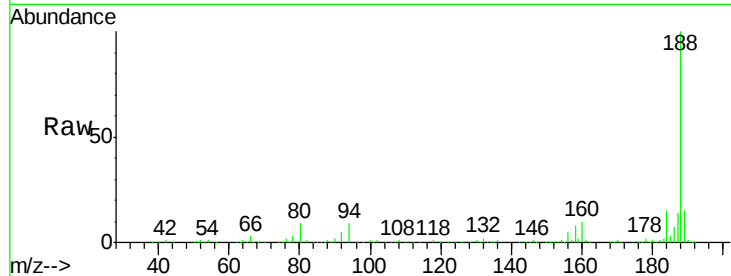
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	9.0	13.6#
80	9.0	10.0	15.0#

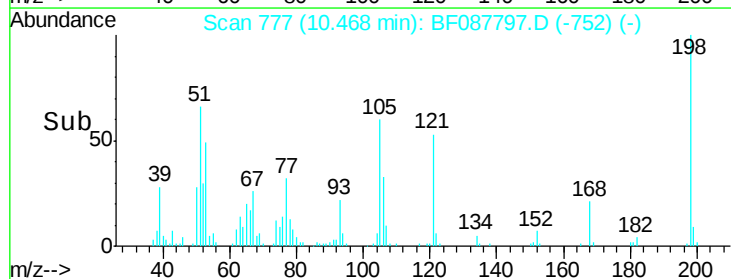
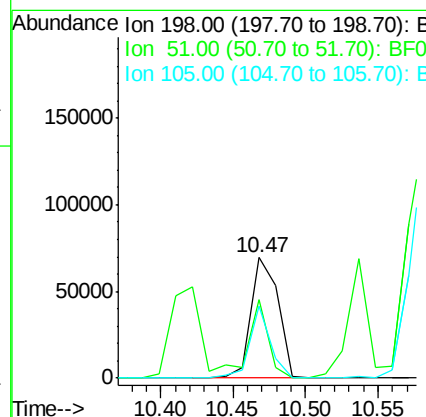
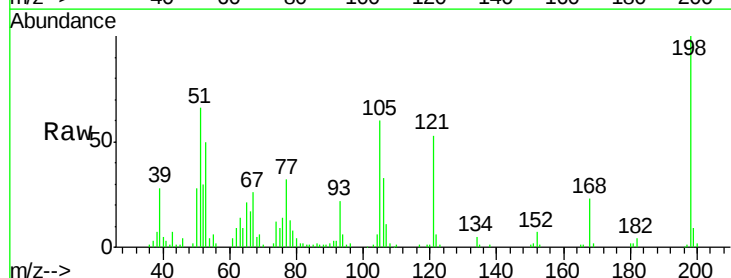
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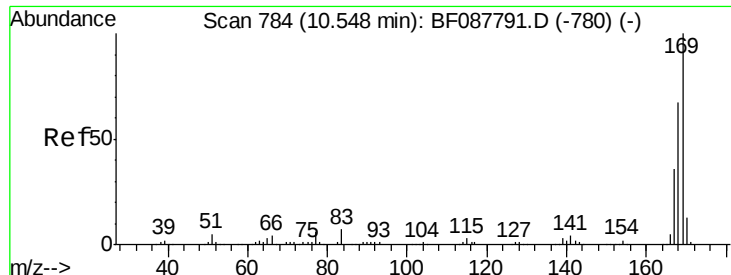
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.20 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	65.7	39.6	79.6
105	60.0	36.6	76.6





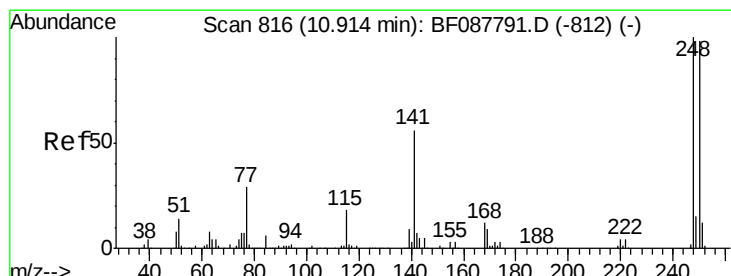
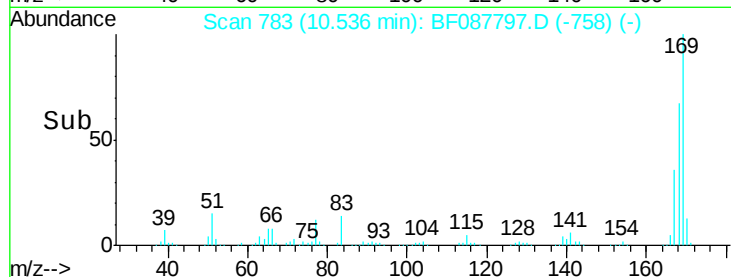
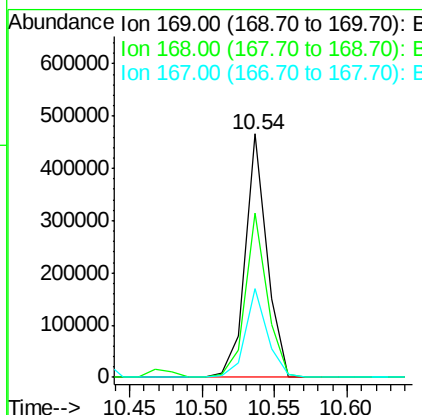
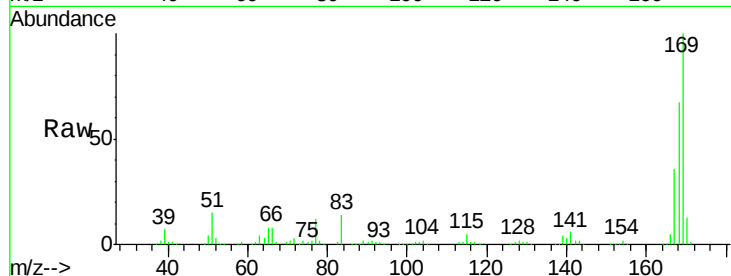
#65
 n-Nitrosodiphenylamine
 Concen: 37.12 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		483606		
168	67.3	53.4		80.0	
167	36.2	29.4		44.0	

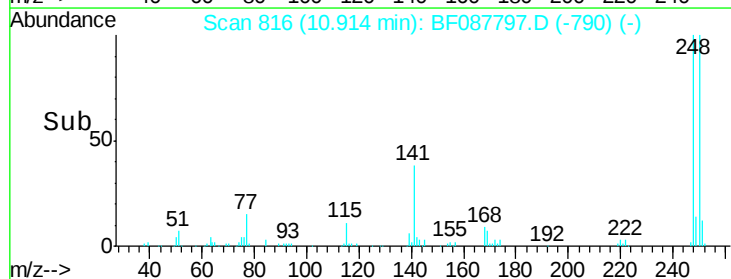
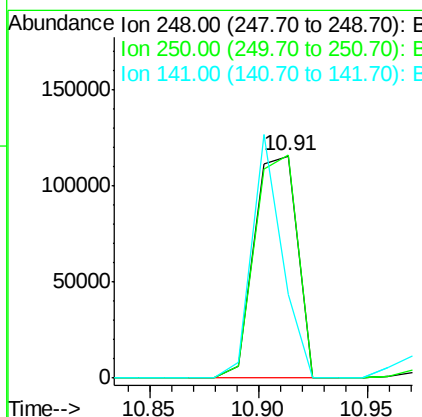
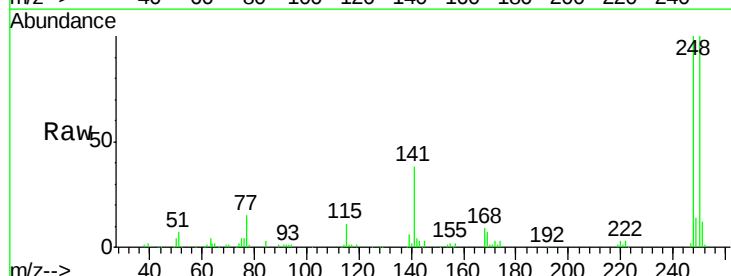
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#66
 4-Bromophenyl-phenylether
 Concen: 38.00 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		160044		
250	100.3	77.1		115.7	
141	37.7	50.6		76.0	





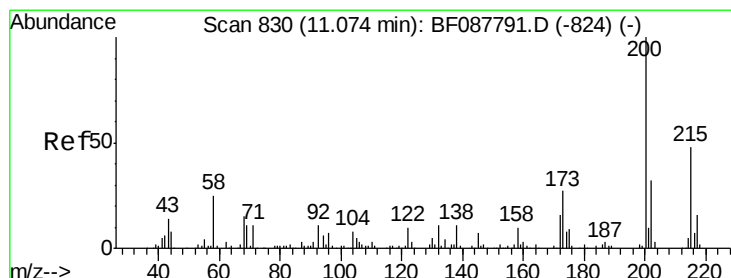
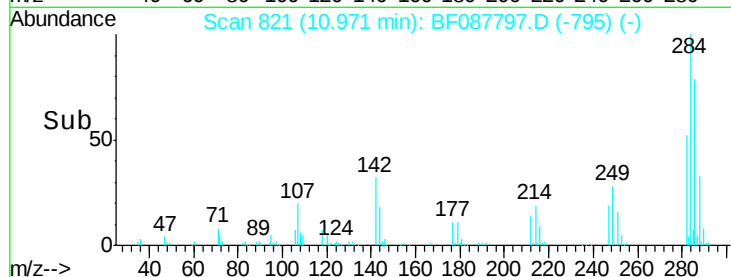
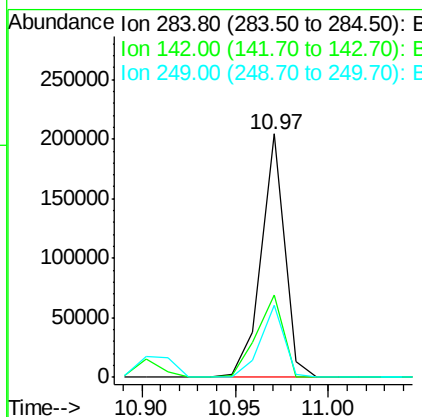
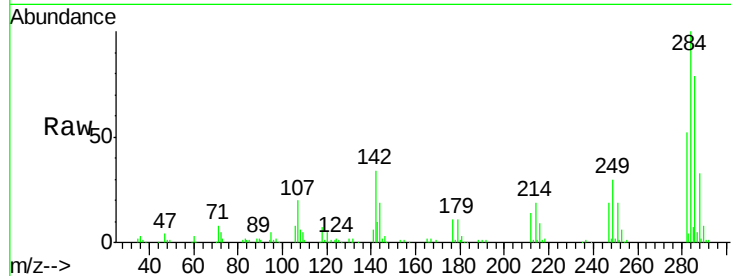
#67
Hexachlorobenzene
Concen: 40.53 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	177376		
142	33.6	35.8	53.8	#
249	29.5	25.8	38.6	

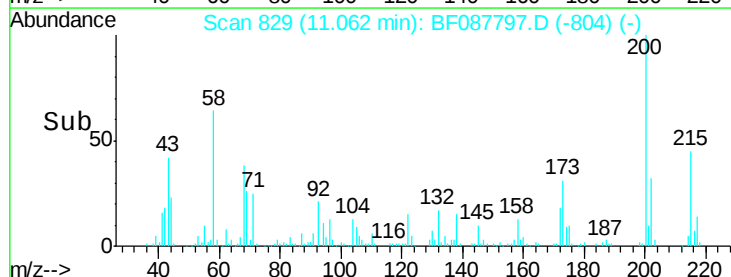
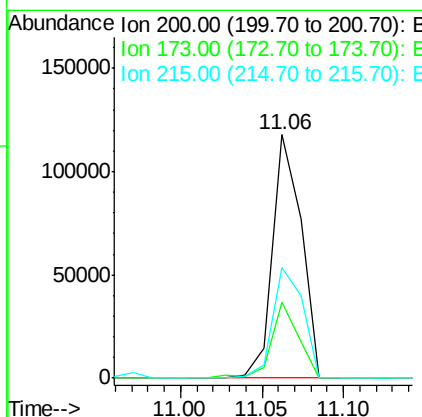
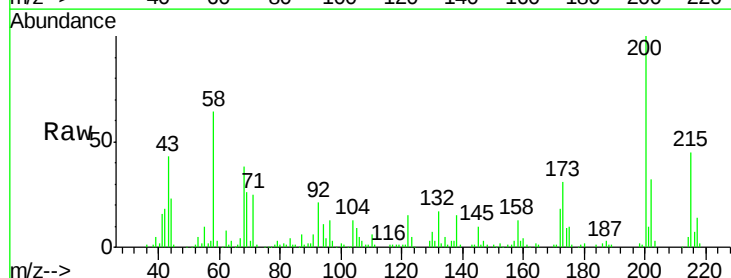
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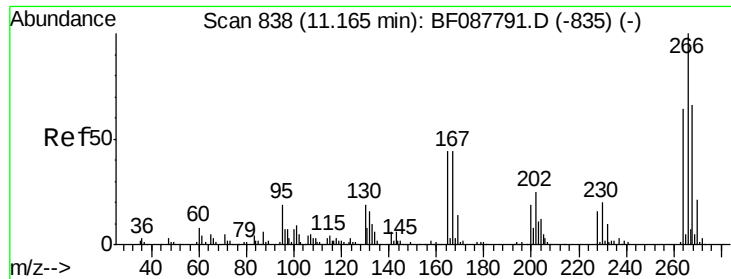
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#68
Atrazine
Concen: 36.68 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	144699		
173	31.0	4.0	44.0	
215	45.3	29.3	69.3	





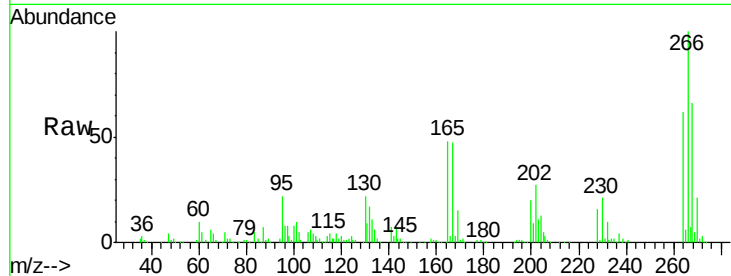
#69
 Pentachlorophenol
 Concen: 84.29 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

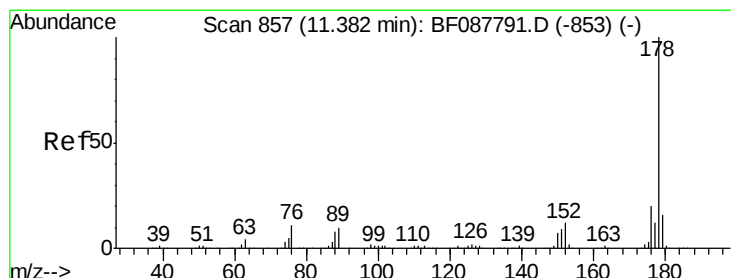
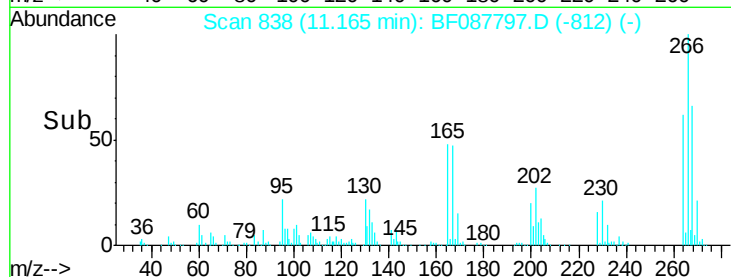
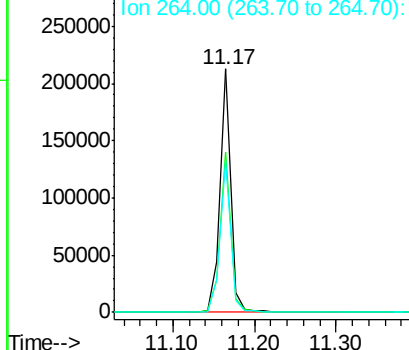
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	52.8	79.2
264	62.4	49.6	74.4

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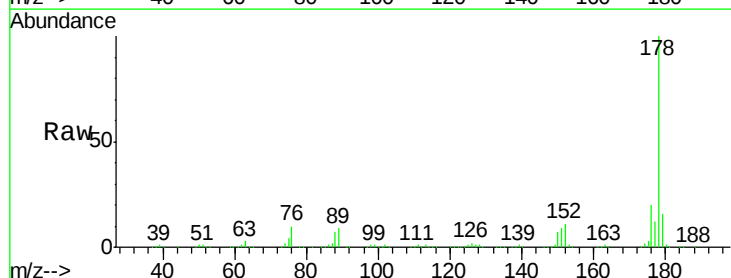


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

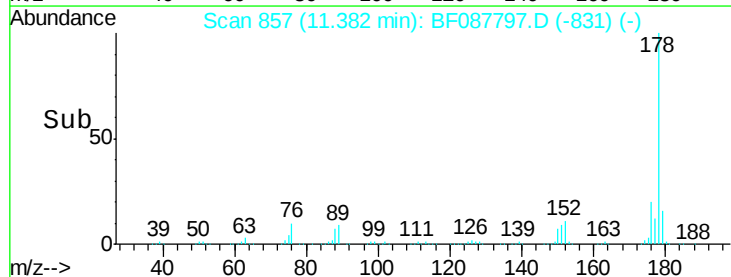
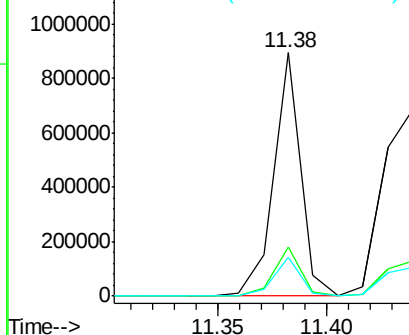


#70
 Phenanthrene
 Concen: 37.96 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.9	13.0	19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





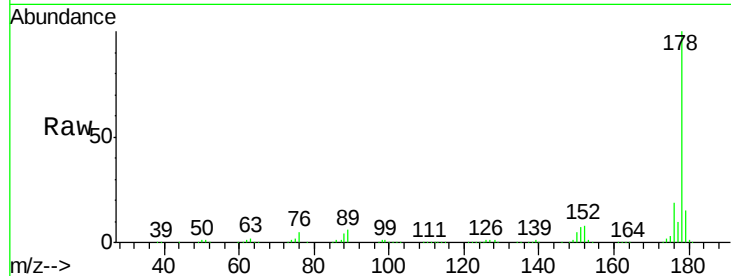
#71
 Anthracene
 Concen: 42.04 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

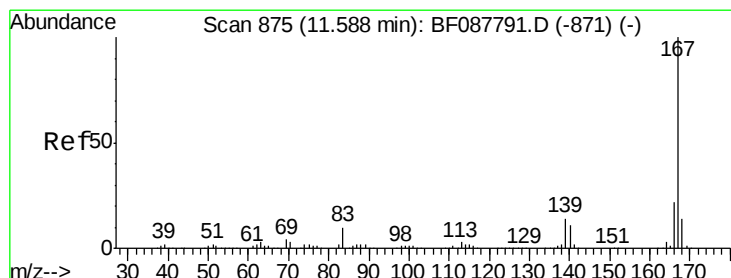
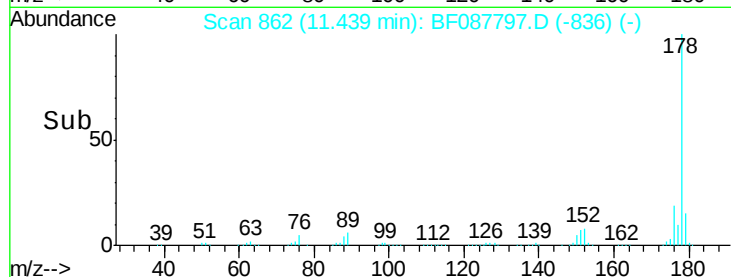
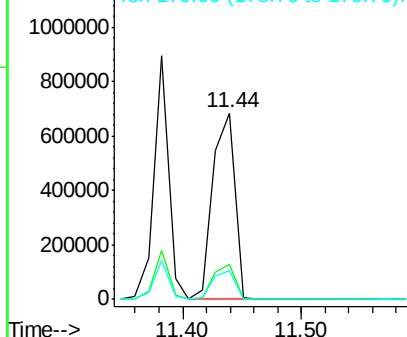
Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		873655		
176	18.7	15.6	23.4		
179	15.3	12.8	19.2		

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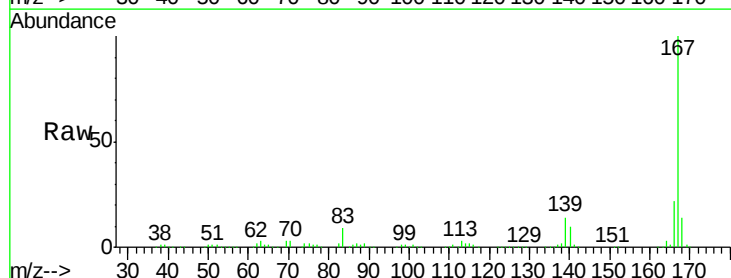


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

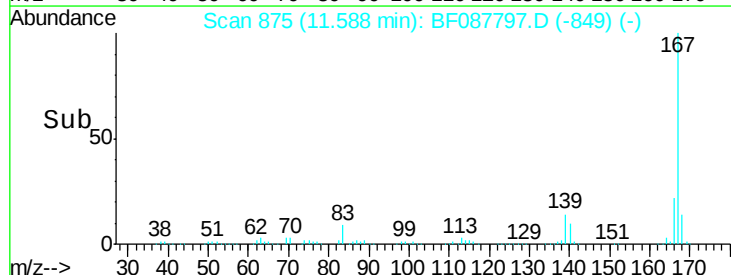
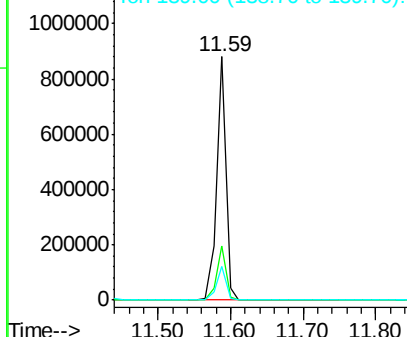


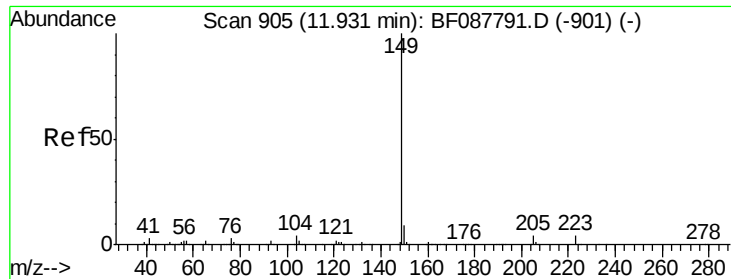
#72
 Carbazole
 Concen: 40.10 ng
 RT: 11.59 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		779813		
166	22.3	17.8	26.6		
139	13.7	11.2	16.8		



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





#73

Di-n-butylphthalate

Concen: 36.56 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

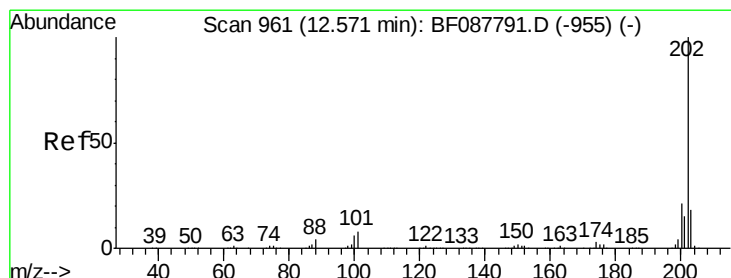
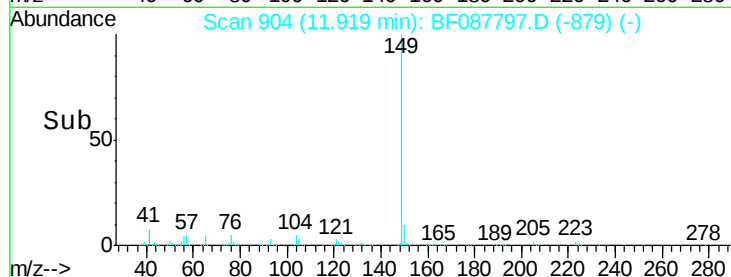
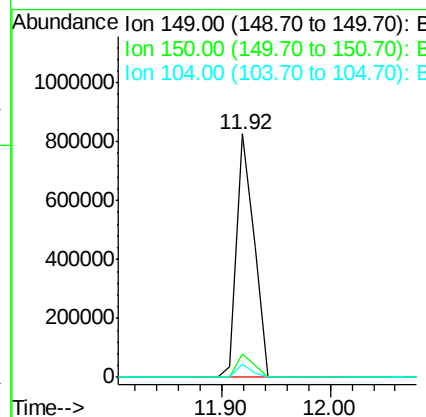
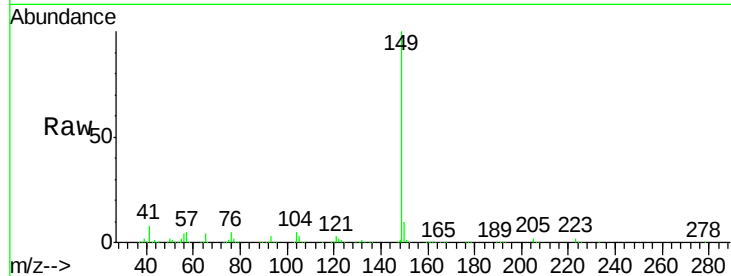
ClientSampleId :

PB91075BS

Tot Ion:	149	Resp:	900131
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.2	4.0	6.0

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#74

Fluoranthene

Concen: 37.23 ng

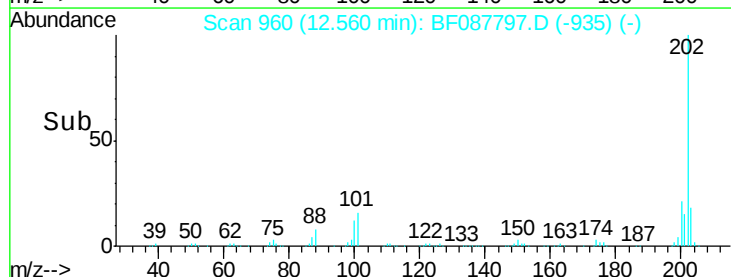
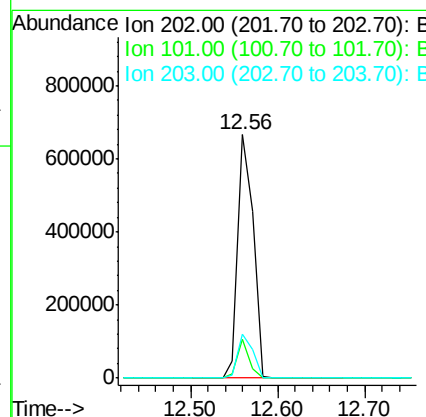
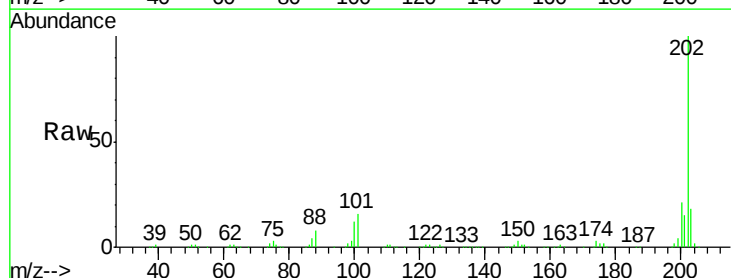
RT: 12.56 min Scan# 960

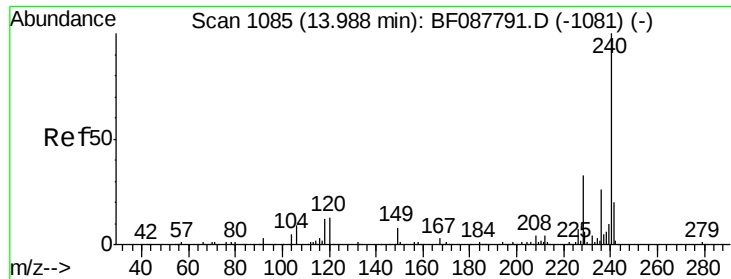
Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion:	202	Resp:	809453
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	33.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

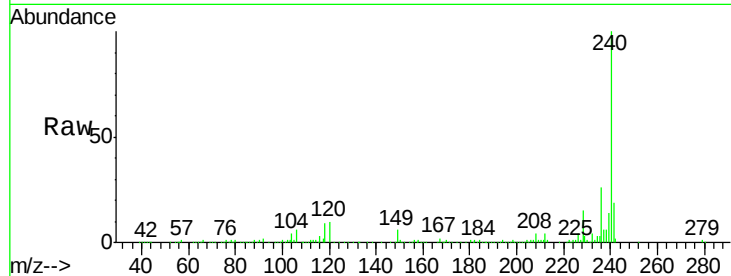
ClientSampleId :

PB91075BS

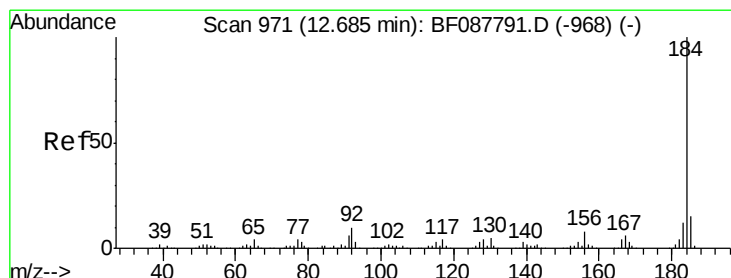
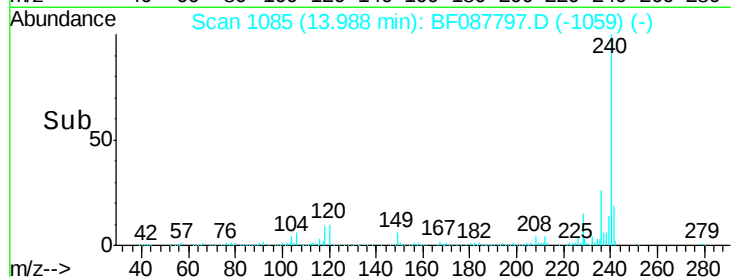
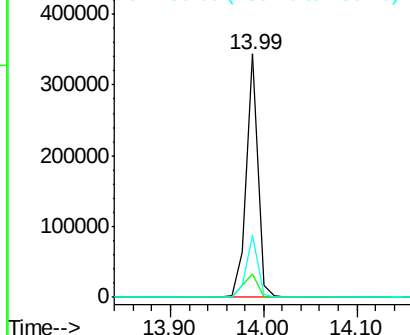
Tot Ion:	240	Resp:	296307
Ion Ratio	Lower	Upper	
240	100		
120	9.6	6.8	10.2
236	25.6	20.2	30.2

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.98 ng

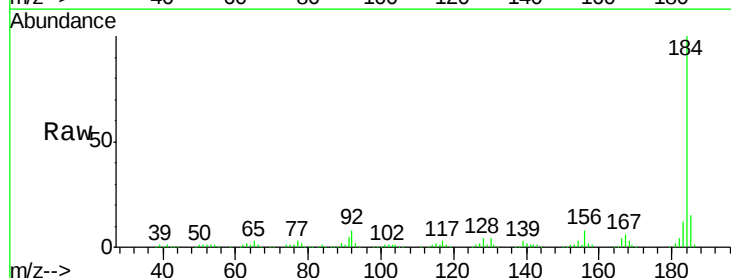
RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

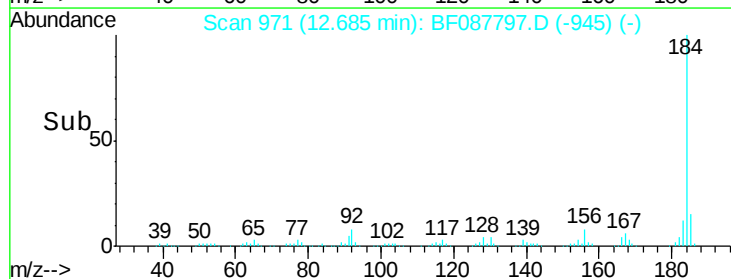
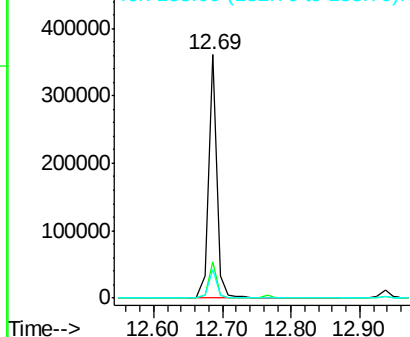
Lab File: BF087797.D

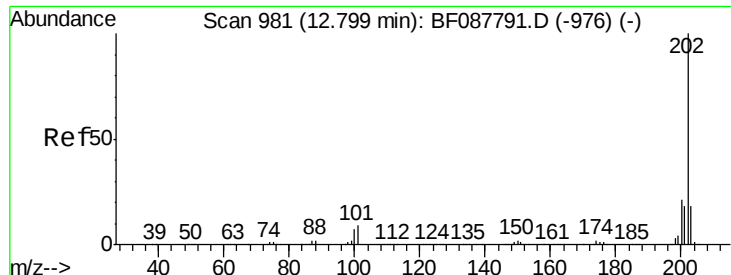
Acq: 7 Jun 2016 19:24

Tgt Ion:	184	Resp:	303403
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.5	18.7
183	11.7	9.3	13.9



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





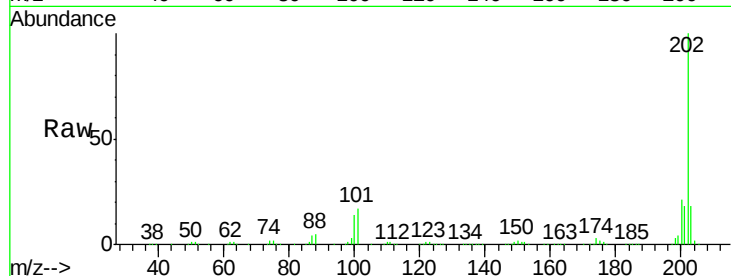
#77
Pvrene
Concen: 36.56 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

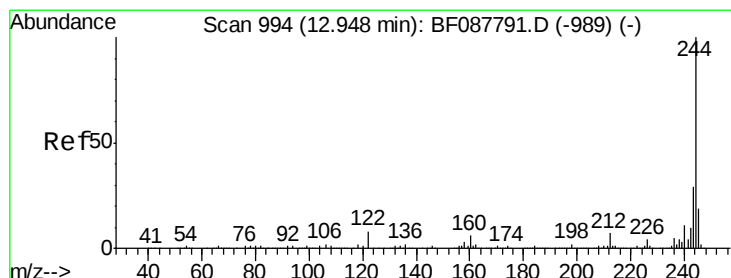
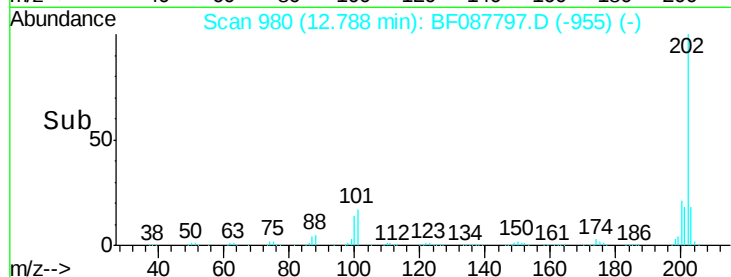
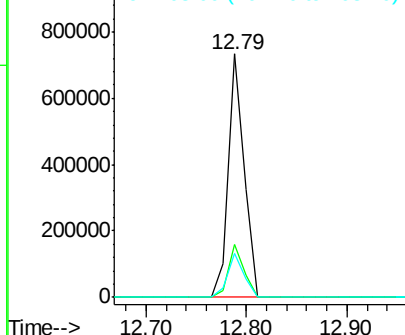
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.5	21.7

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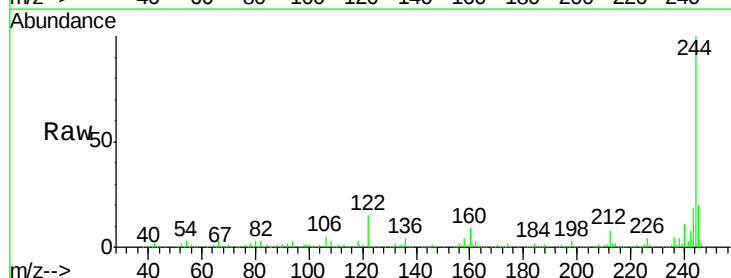


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

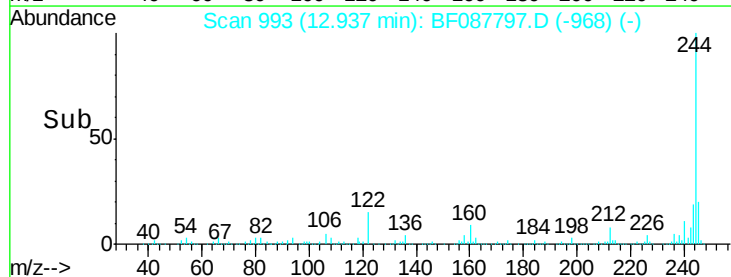
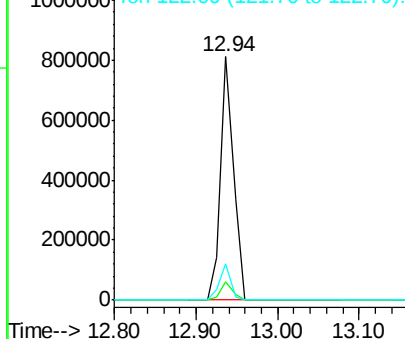


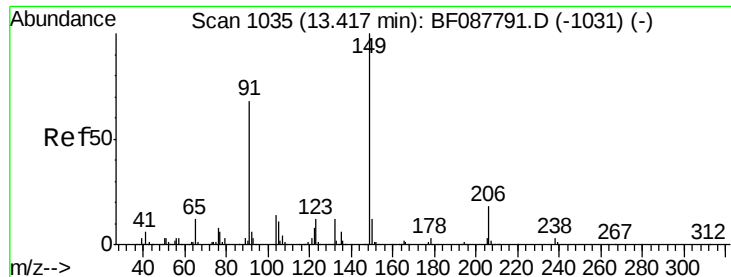
#78
Terphenyl-d14
Concen: 68.30 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF087797.D
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Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.8	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





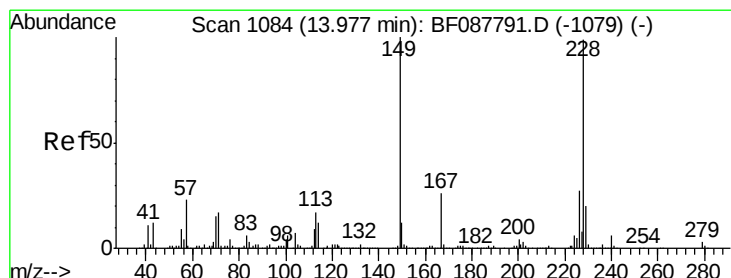
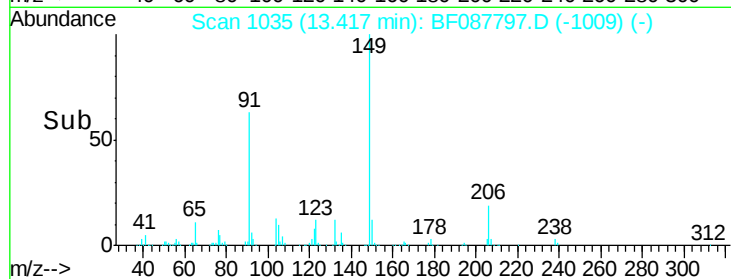
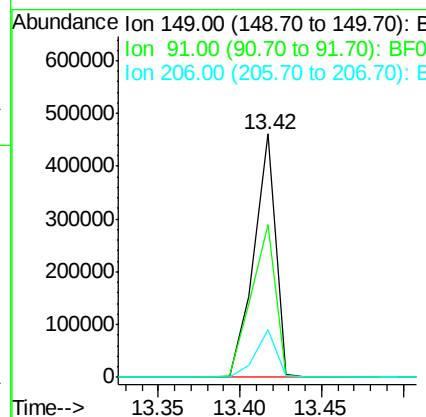
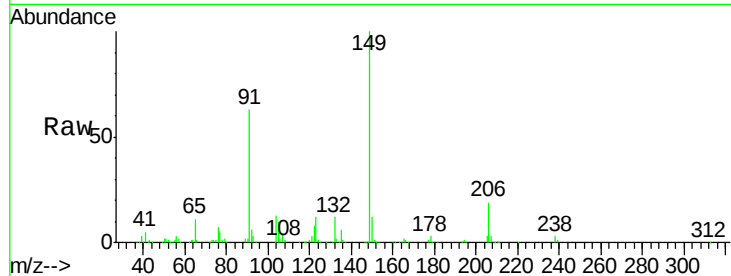
#79
Butylbenzylphthalate
Concen: 44.11 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	428765		
91	62.5	48.0	72.0	
206	19.4	16.0	24.0	

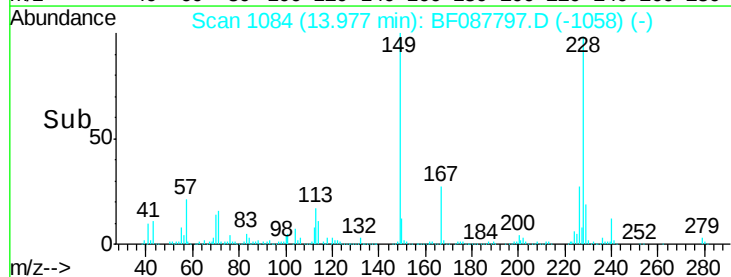
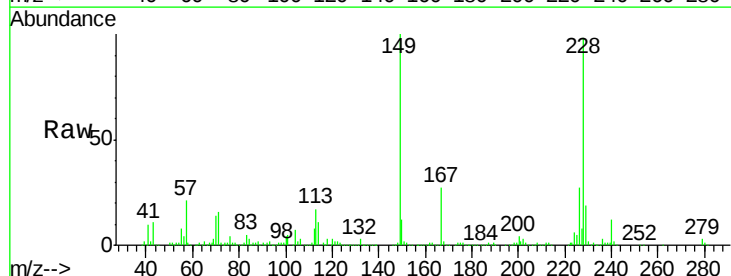
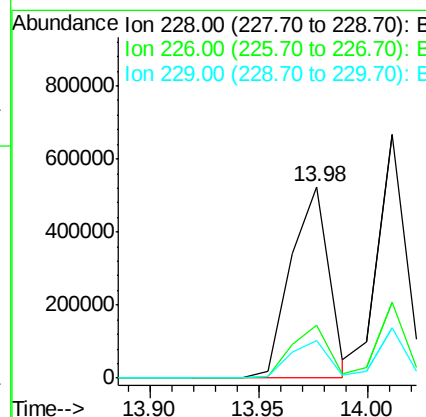
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#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 13.98 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	642359		
226	27.6	22.3	33.5	
229	19.8	16.0	24.0	





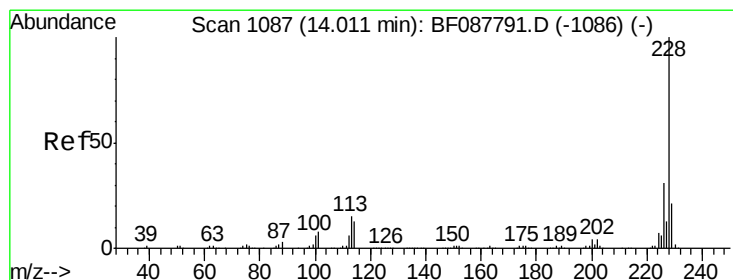
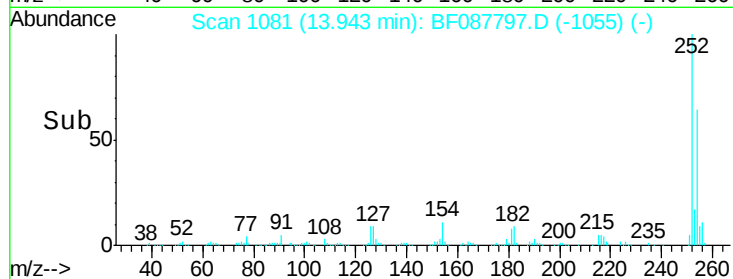
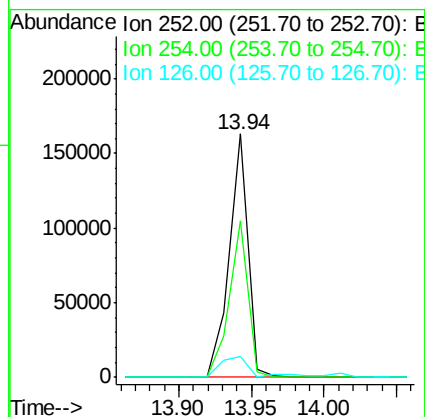
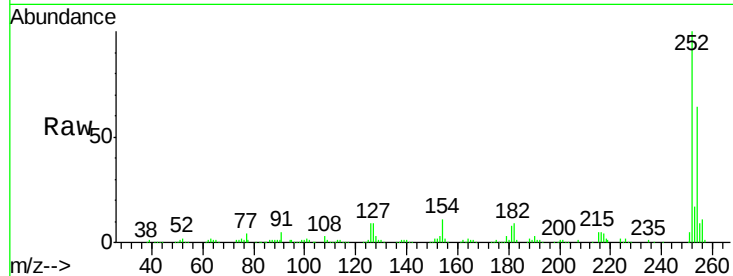
#81
 3,3'-Dichlorobenzidine
 Concen: 32.31 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	146719		
254	64.1	52.6	78.8	
126	8.8	6.2	9.2	

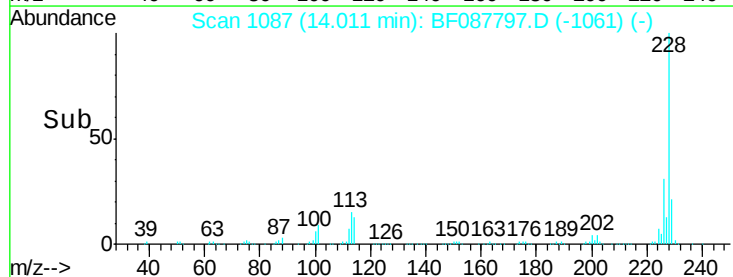
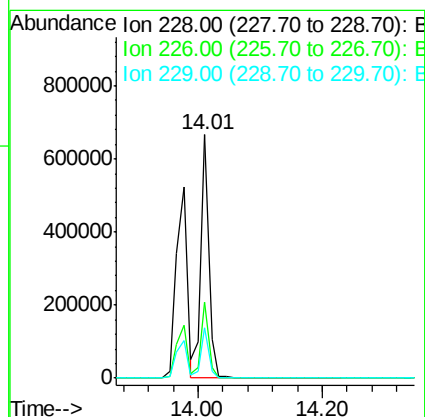
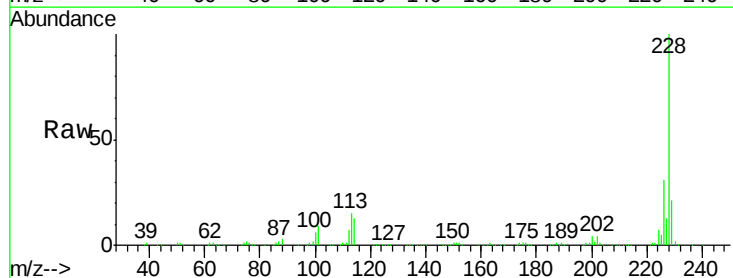
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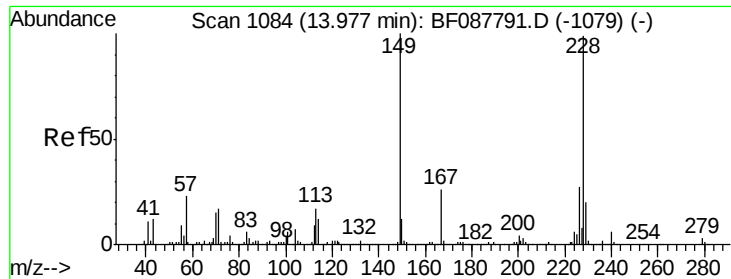
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#82
 Chrysene
 Concen: 38.44 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	610604		
226	31.3	25.4	38.2	
229	20.6	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.75 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tot Ion:149 Resp: 505948
Ion Ratio Lower Upper

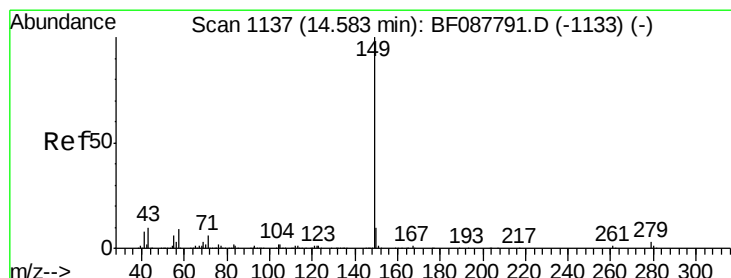
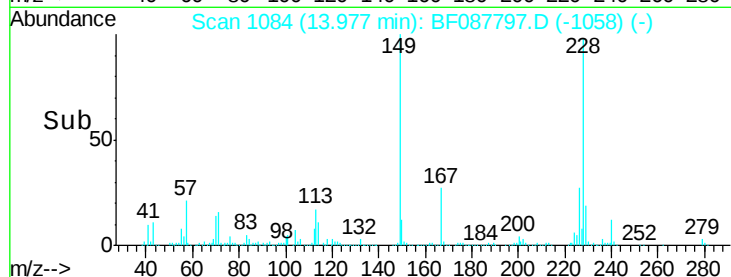
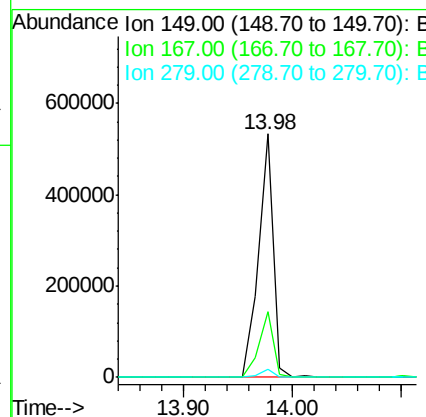
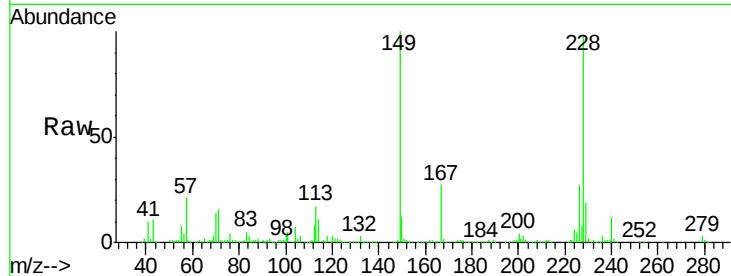
149 100

167 26.8 20.5 30.7

279 3.4 2.0 3.0#

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#84

Di-n-octyl phthalate

Concen: 43.63 ng

RT: 14.58 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF087797.D

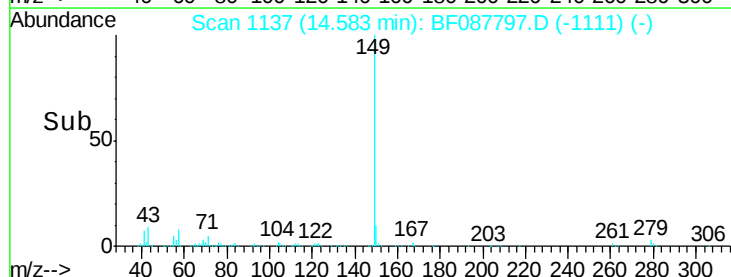
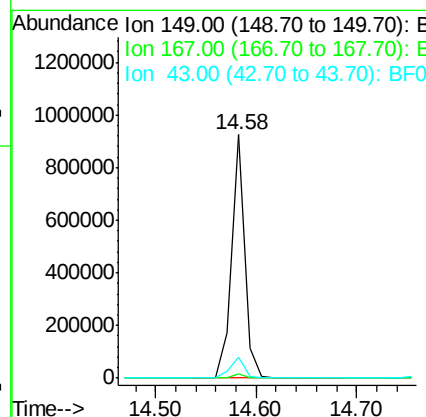
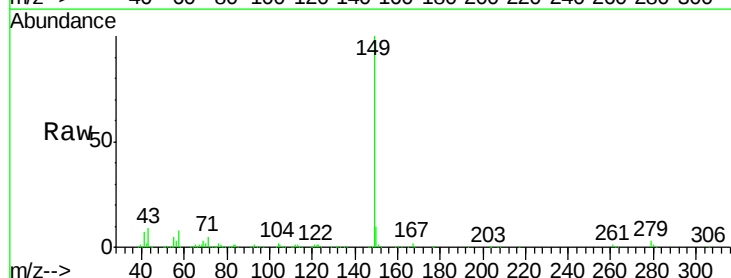
Acq: 7 Jun 2016 19:24

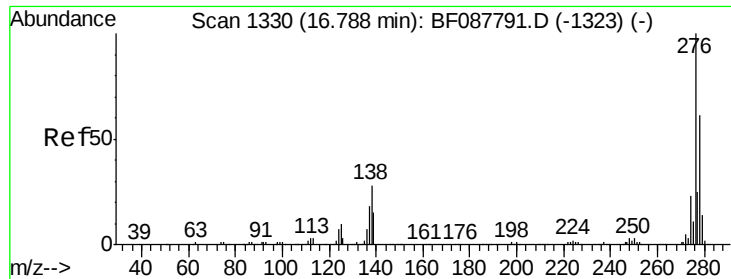
Tgt Ion:149 Resp: 838870
Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 9.1 0.0 0.0#





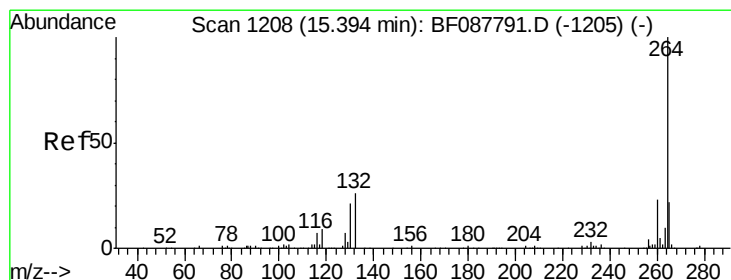
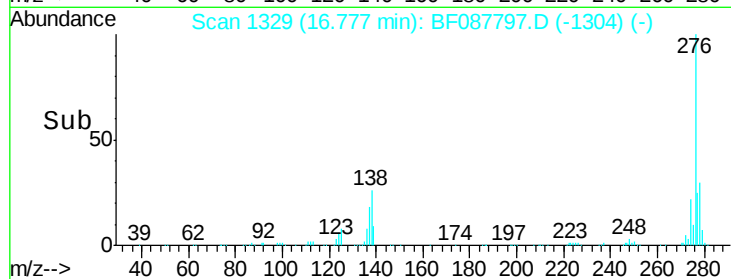
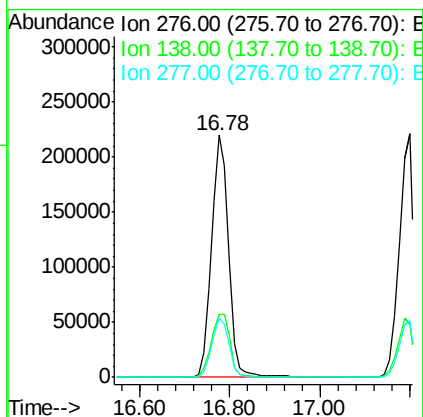
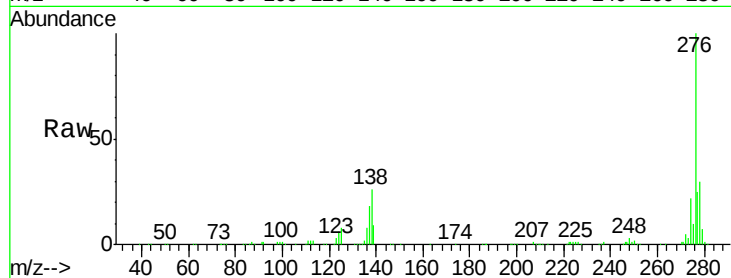
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.45 ng
RT: 16.78 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.9	0.0	0.0#
277	24.9	0.0	0.0#

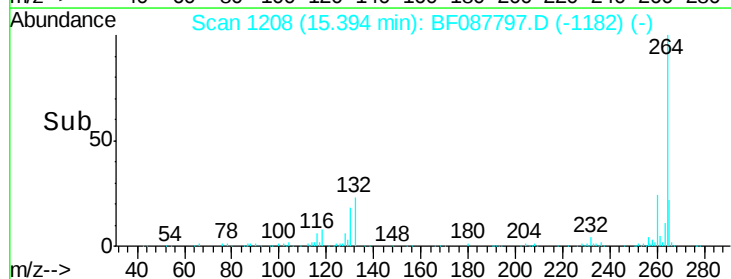
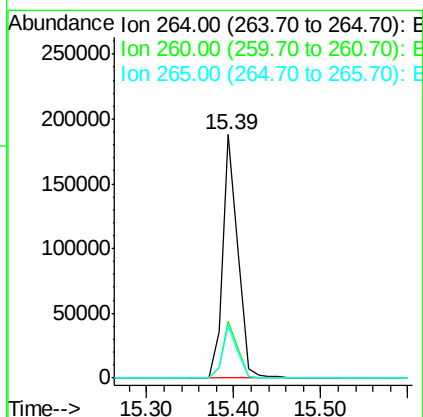
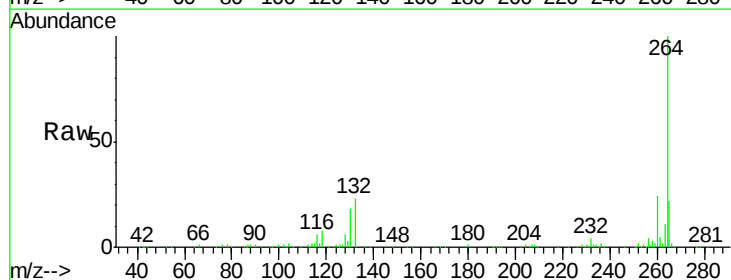
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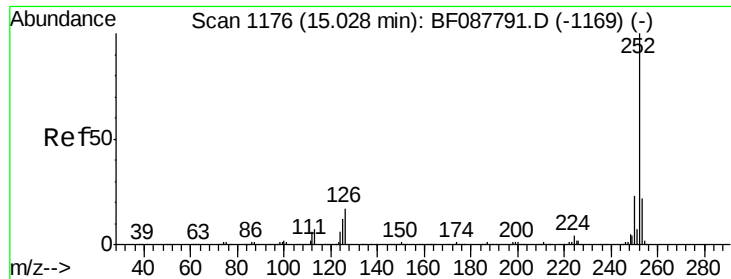
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 36.11 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

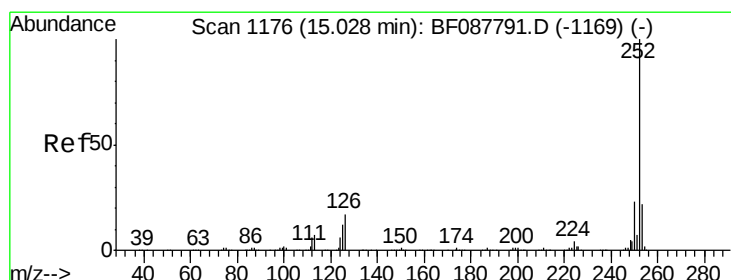
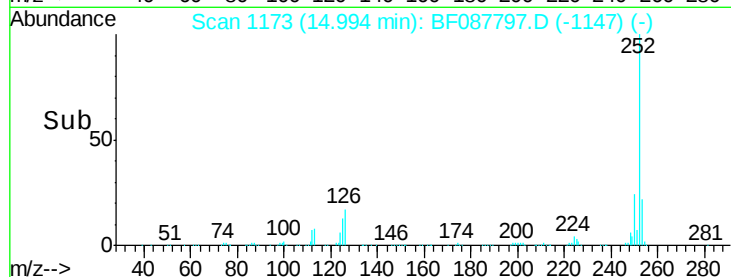
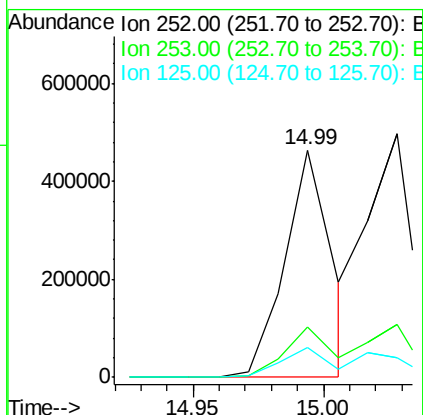
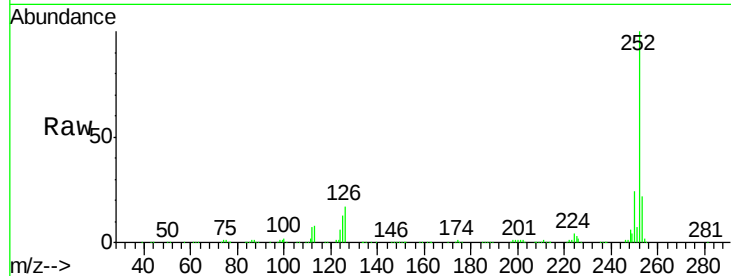
ClientSampleId :

PB91075BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	12.9	7.1	10.7

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#88

Benzo(k)fluoranthene

Concen: 48.85 ng m

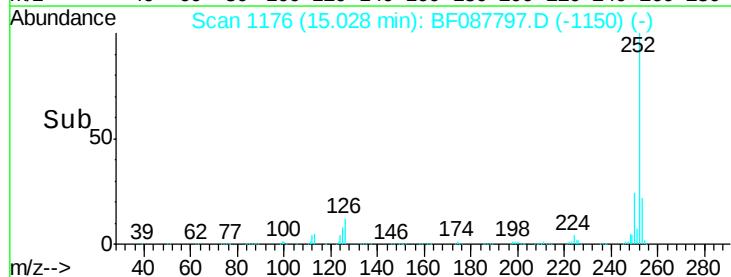
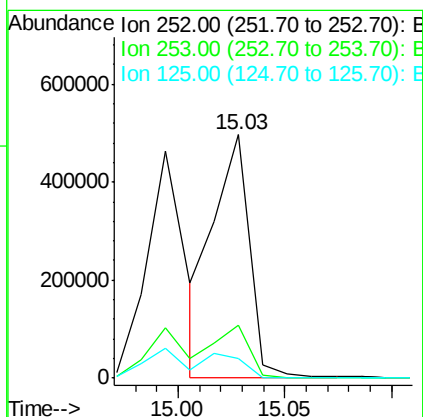
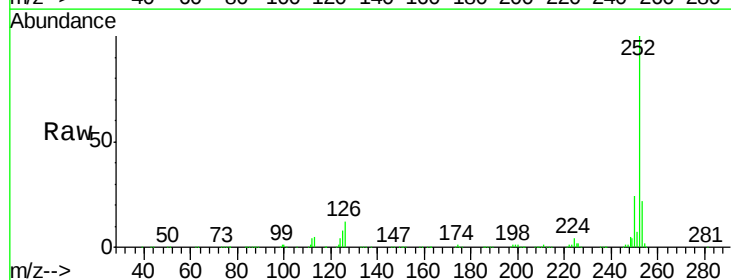
RT: 15.03 min Scan# 1176

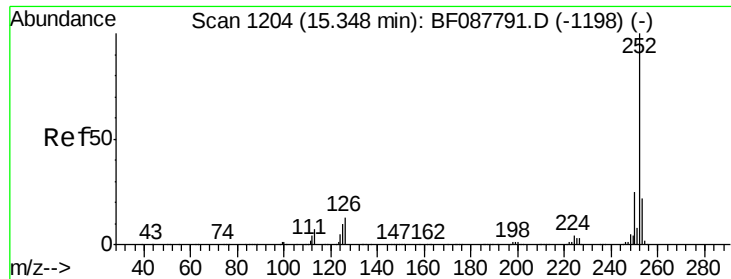
Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	8.3	11.2	16.8





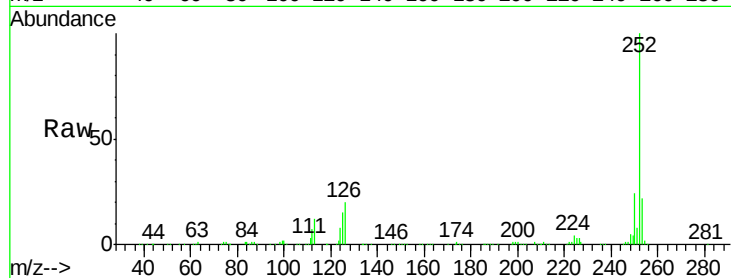
#89
Benzo(a)pyrene
Concen: 42.13 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampled :
PB91075BS

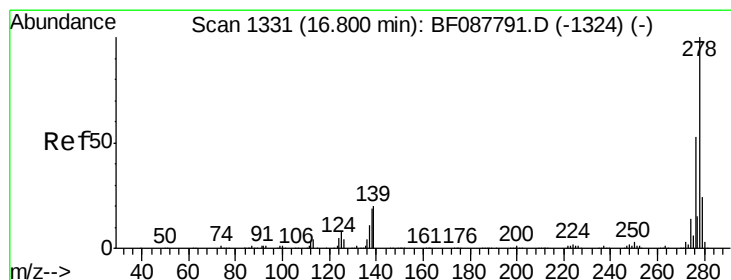
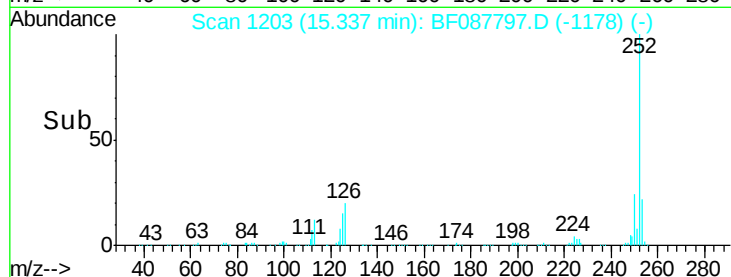
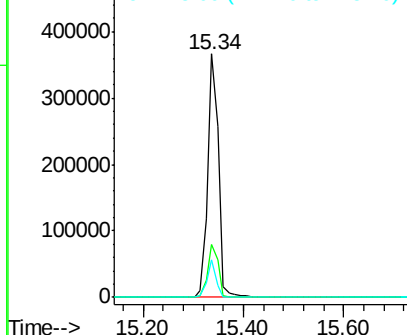
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.3	12.5	18.7

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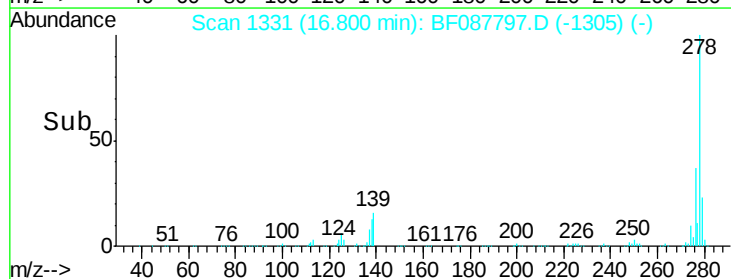
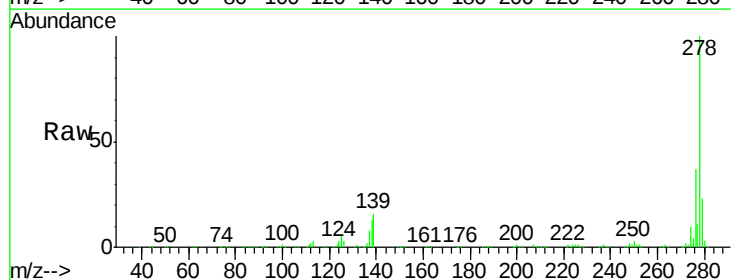
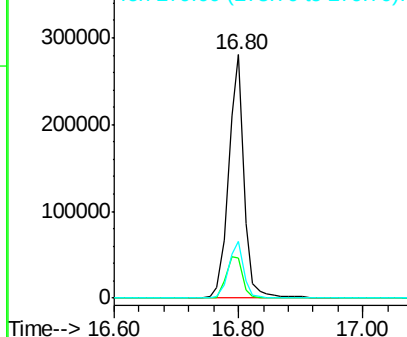
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

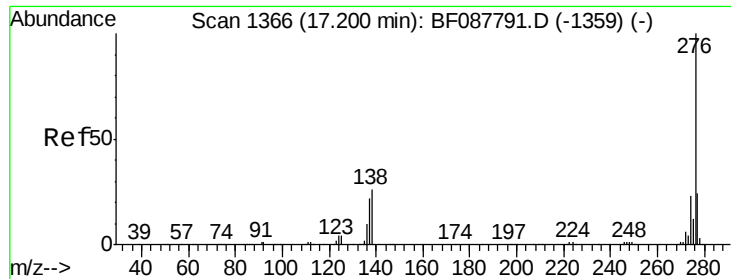


#90
Dibenzo(a,h)anthracene
Concen: 40.31 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.7	23.5
279	23.5	19.4	29.2

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





#91
 Benzo(a,h,i)perylene
 Concen: 40.38 ng
 RT: 17.20 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tot Ion:	276	Resp:	496669
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	21.8	21.4	32.2

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