

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086533.D
 Acq On : 30 Apr 2016 19:43
 Operator : UM/SJ
 Sample : PB90161BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Manual Integrations
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Quant Time: May 01 04:34:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133504	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	589455	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284978	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	554543	20.00	ng	0.00
75) Chrysene-d12	13.92	240	444108	20.00	ng	0.00
86) Perylene-d12	15.31	264	348300	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	896487	115.83	ng	0.01
7) Phenol-d6	6.41	99	1095495	101.41	ng	0.00
23) Nitrobenzene-d5	7.33	82	719271	65.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	303592	101.02	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1213111	71.93	ng	-0.01
78) Terphenyl-d14	12.86	244	1192475	59.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	120154	29.55	ng	# 73
3) Pyridine	3.06	79	329630	34.26	ng	# 72
4) n-Nitrosodimethylamine	3.00	42	196932	35.91	ng	# 59
6) Aniline	6.43	93	194503	14.88	ng	94
8) 2-Chlorophenol	6.54	128	316126	32.79	ng	# 78
9) Benzaldehyde	6.30	77	36797	5.86	ng	96
10) Phenol	6.42	94	436876	36.25	ng	81
11) bis(2-Chloroethyl)ether	6.51	93	340895	32.72	ng	100
12) 1,3-Dichlorobenzene	6.70	146	329000	31.73	ng	96
13) 1,4-Dichlorobenzene	6.78	146	349369	32.65	ng	97
14) 1,2-Dichlorobenzene	6.93	146	321833	32.80	ng	97
15) Benzyl Alcohol	6.91	79	252125	36.89	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	654129	31.37	ng	90
17) 2-Methylphenol	7.04	107	270377	34.70	ng	95
18) Hexachloroethane	7.28	117	124246	31.08	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	240591	33.69	ng	# 73
20) 3+4-Methylphenols	7.18	107	328051	36.87	ng	91
22) Acetophenone	7.18	105	440915	34.11	ng	# 87
24) Nitrobenzene	7.36	77	360374	32.03	ng	# 89
25) Isophorone	7.60	82	675588	32.10	ng	96
26) 2-Nitrophenol	7.66	139	168731	32.58	ng	# 71
27) 2,4-Dimethylphenol	7.71	122	293455	32.29	ng	91
28) bis(2-Chloroethoxy)methane	7.81	93	398950	34.79	ng	99
29) 2,4-Dichlorophenol	7.92	162	278562	36.33	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	286787	32.24	ng	98
31) Naphthalene	8.08	128	991228	33.05	ng	99
32) Benzoic acid	7.84	122	133693	28.63	ng	86
33) 4-Chloroaniline	8.13	127	98143	8.74	ng	98
34) Hexachlorobutadiene	8.19	225	150950	30.27	ng	98
35) Caprolactam	8.49	113	88413	34.56	ng	# 54
36) 4-Chloro-3-methylphenol	8.61	107	297955	33.94	ng	91
37) 2-Methylnaphthalene	8.76	142	597449	33.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	251262	30.80	ng	97
40) Hexachlorocyclopentadiene	8.92	237	258306	63.72	ng	96

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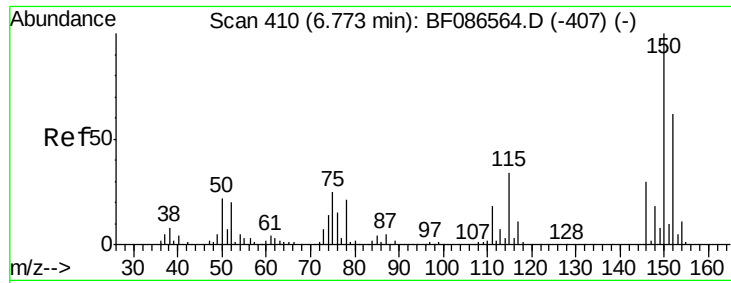
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	186551	36.18	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	191447	34.06	ng	95
45) 1,1'-Biphenyl	9.23	154	783950	32.91	ng	97
46) 2-Chloronaphthalene	9.25	162	582449	32.16	ng	95
47) 2-Nitroaniline	9.36	65	219060	37.72	ng	98
48) Acenaphthylene	9.66	152	892781	31.54	ng	99
49) Dimethylphthalate	9.54	163	734049	34.22	ng	100
50) 2,6-Dinitrotoluene	9.60	165	160394	36.19	ng	96
51) Acenaphthene	9.84	154	633445	34.84	ng	99
52) 3-Nitroaniline	9.77	138	66626	13.22	ng	98
53) 2,4-Dinitrophenol	9.87	184	146954	62.53	ng	# 84
54) Dibenzofuran	10.01	168	795546	35.01	ng	95
55) 4-Nitrophenol	9.94	139	229124	69.42	ng	95
56) 2,4-Dinitrotoluene	10.00	165	197301	34.92	ng	# 91
57) Fluorene	10.35	166	613821	31.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	168591	38.37	ng	95
59) Diethylphthalate	10.24	149	712215	35.07	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	292171	32.61	ng	# 84
61) 4-Nitroaniline	10.37	138	162115	32.90	ng	# 77
62) Azobenzene	10.51	77	817752	36.76	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	110333	33.89	ng	91
65) n-Nitrosodiphenylamine	10.46	169	556198	32.09	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	184967	32.37	ng	# 75
67) Hexachlorobenzene	10.90	284	210454	31.82	ng	# 84
68) Atrazine	11.00	200	187980	36.12	ng	95
69) Pentachlorophenol	11.09	266	213294	61.16	ng	96
70) Phenanthrene	11.31	178	976735	33.56	ng	100
71) Anthracene	11.36	178	1034344	33.30	ng	100
72) Carbazole	11.52	167	925963	33.64	ng	99
73) Di-n-butylphthalate	11.86	149	1075364	34.48	ng	99
74) Fluoranthene	12.49	202	1004824	34.21	ng	99
76) Benzidine	12.62	184	260679	17.08	ng	97
77) Pyrene	12.72	202	984700	30.77	ng	100
79) Butylbenzylphthalate	13.34	149	429387	30.98	ng	# 76
80) Benzo(a)anthracene	13.90	228	809865	34.20	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	131995	8.34	ng	# 97
82) Chrysene	13.94	228	778627	30.25	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	504724	29.34	ng	# 95
84) Di-n-octyl phthalate	14.51	149	822407	30.53	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.65	276	654178	34.30	ng	97
87) Benzo(b)fluoranthene	14.92	252	793007m	38.70	ng	
88) Benzo(k)fluoranthene	14.95	252	624011m	29.20	ng	
89) Benzo(a)pyrene	15.25	252	655003	33.86	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	549724	34.72	ng	96
91) Benzo(g,h,i)perylene	17.05	276	548956	34.60	ng	# 92

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



#1

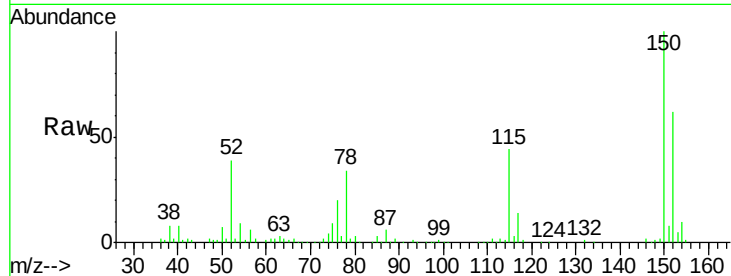
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
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PB90161BS

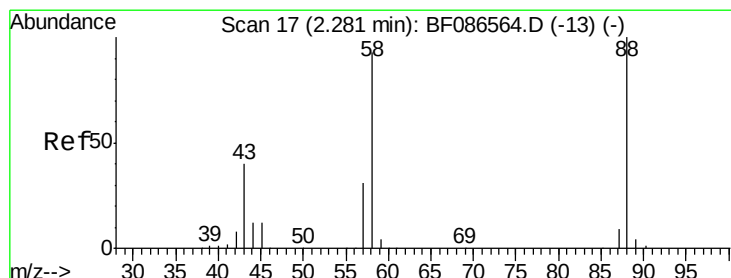
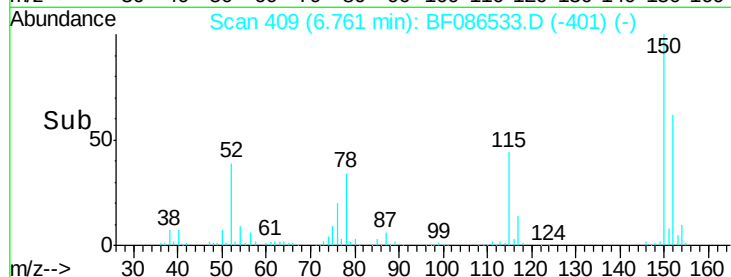
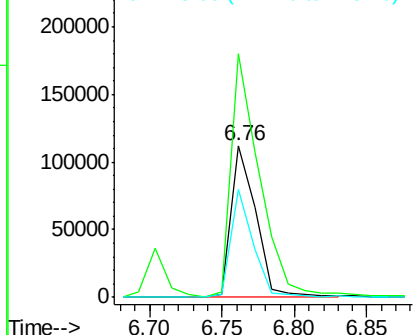
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	125.8	188.6
115	71.2	51.5	77.3

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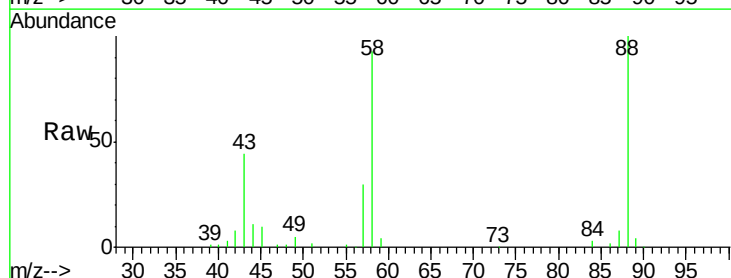
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



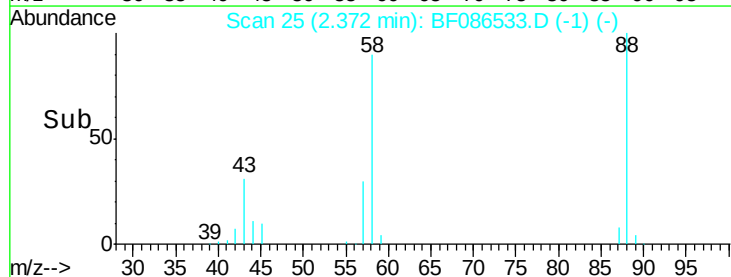
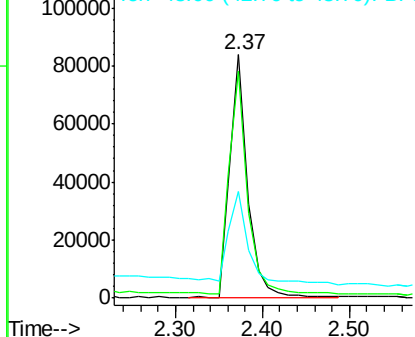
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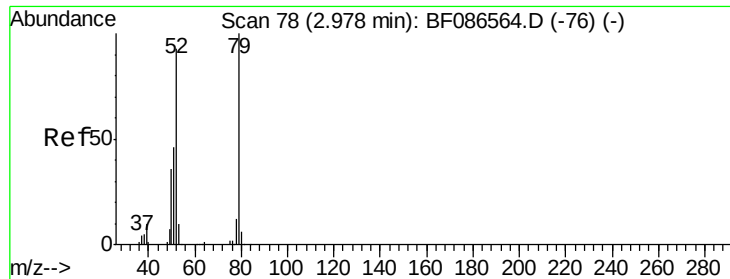
1,4-Dioxane
Concen: 29.55 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	59.6	89.4#
43	48.1	21.8	32.6#



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

Pyridine

Concen: 34.26 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

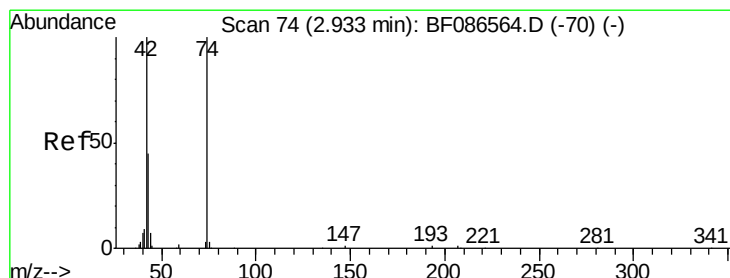
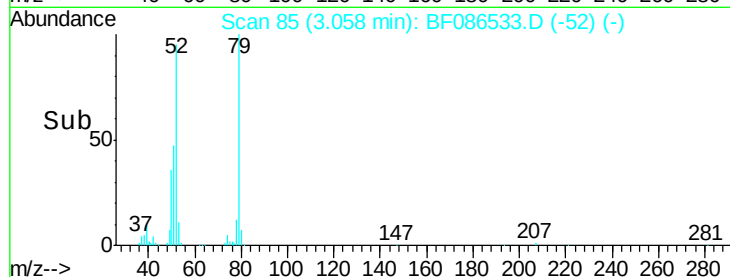
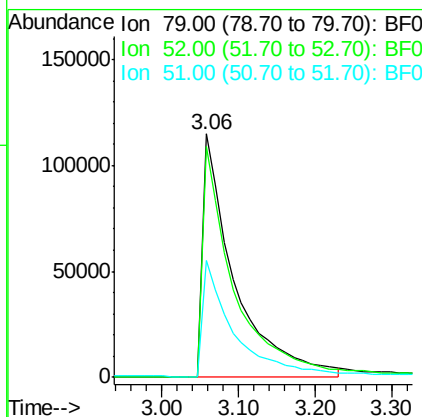
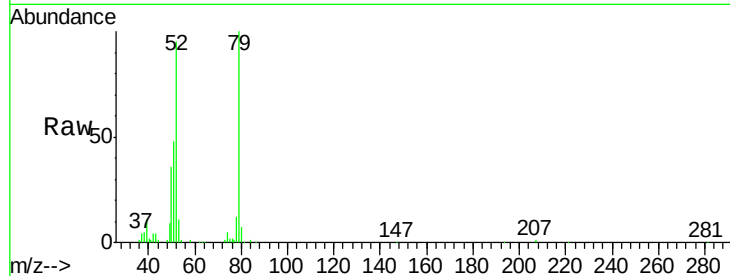
ClientSampleId :

PB90161BS

Tgt Ion:	79	Resp:	329630
Ion Ratio	Lower	Upper	
79	100		
52	94.7	55.9	83.9#
51	48.2	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 35.91 ng

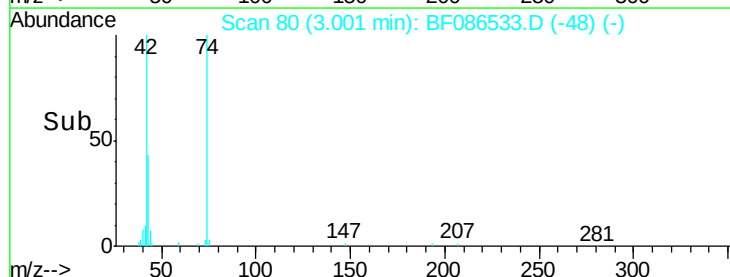
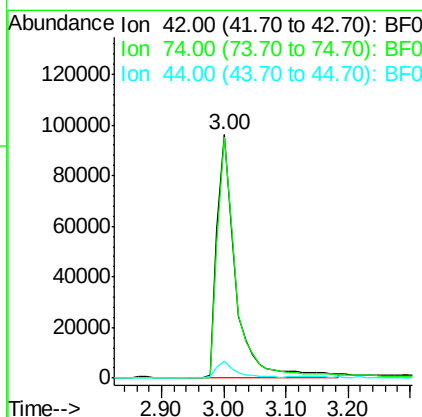
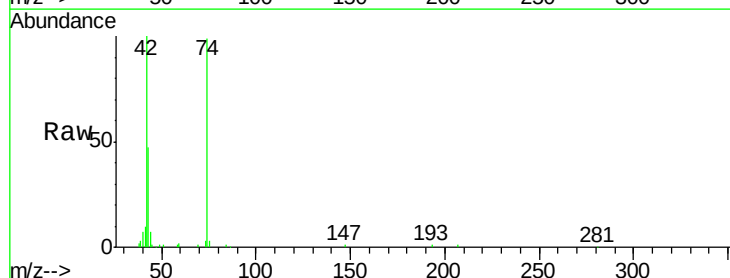
RT: 3.00 min Scan# 80

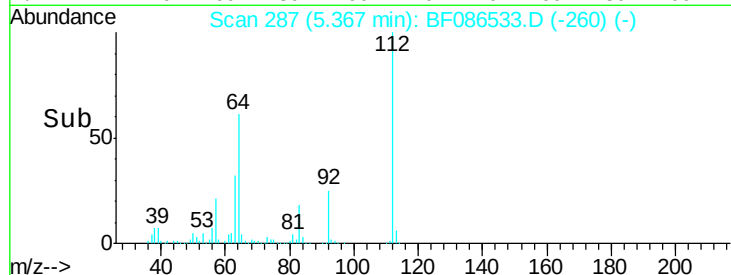
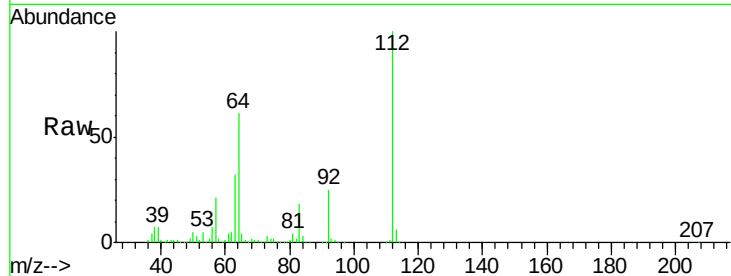
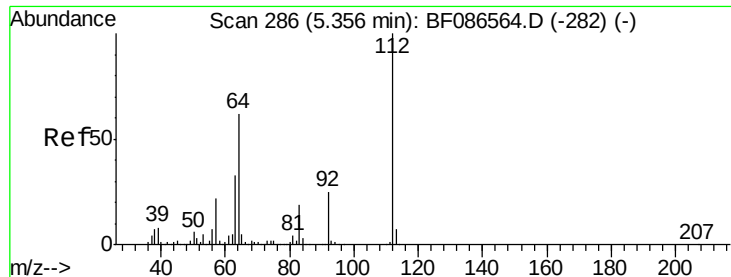
Delta R.T. 0.07 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	42	Resp:	196932
Ion Ratio	Lower	Upper	
42	100		
74	99.1	123.4	185.0#
44	7.1	5.8	8.6





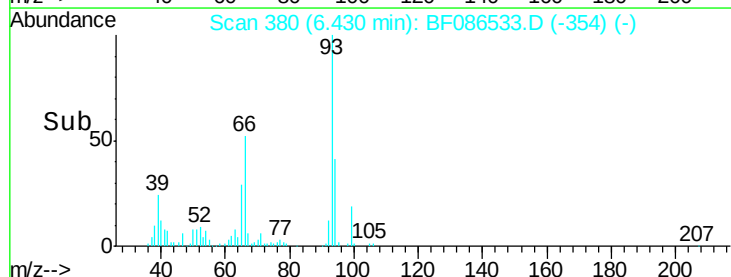
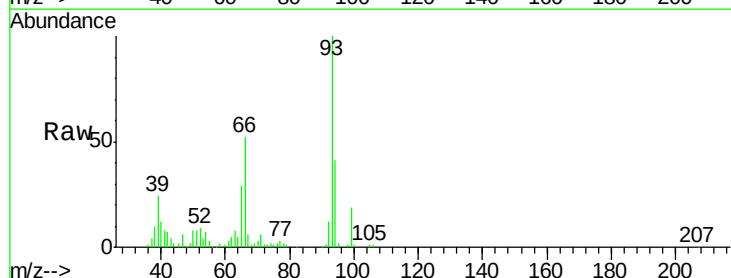
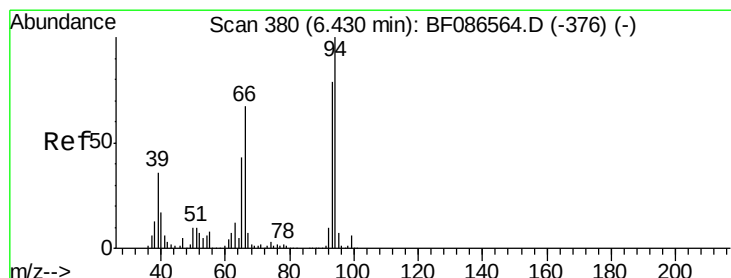
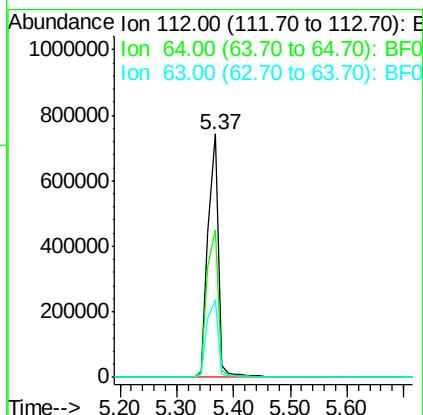
#5
2-Fluorophenol
Concen: 115.83 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	896487		
64	60.5	52.1	78.1	
63	31.9	25.7	38.5	

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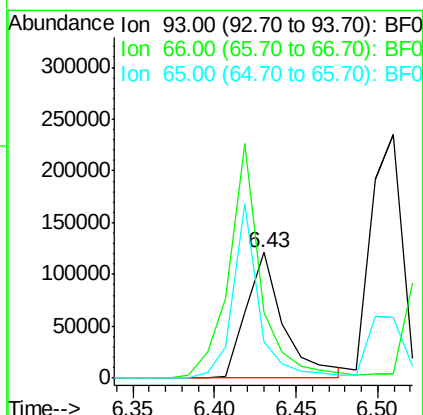
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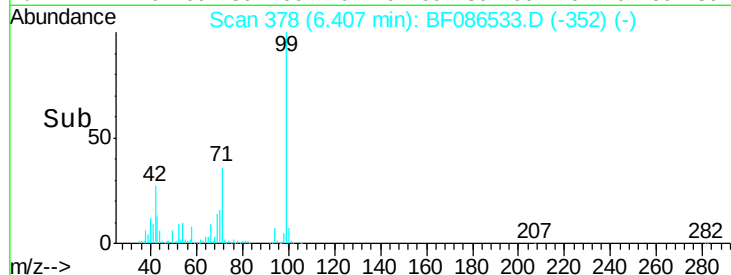
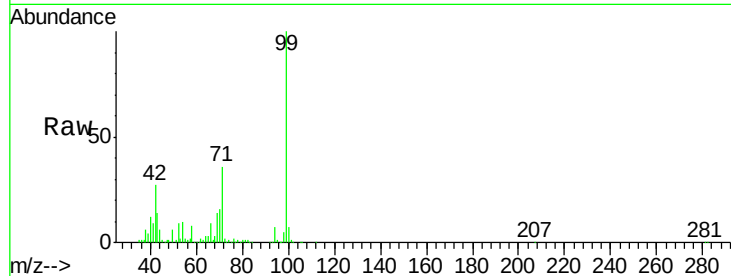
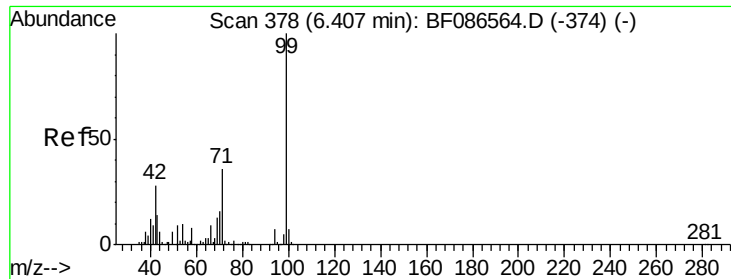
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#6
Aniline
Concen: 14.88 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194503		
66	52.4	39.0	58.6	
65	29.2	20.6	31.0	





#7

Phenol-d6

Concen: 101.41 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	99	Resp:	1095495
Ion	Ratio	Lower	Upper
99	100		
42	27.0	13.6	20.4#
71	36.2	24.6	36.8

Instrument :

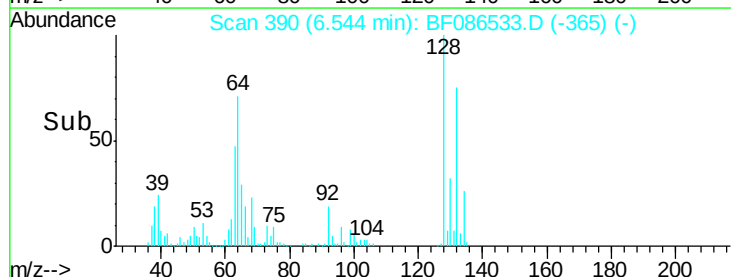
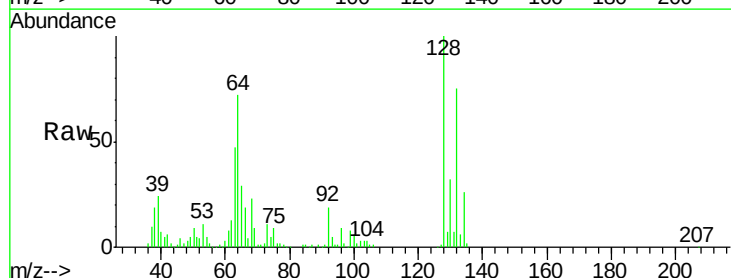
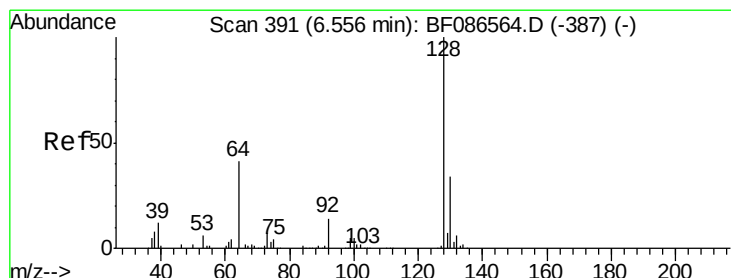
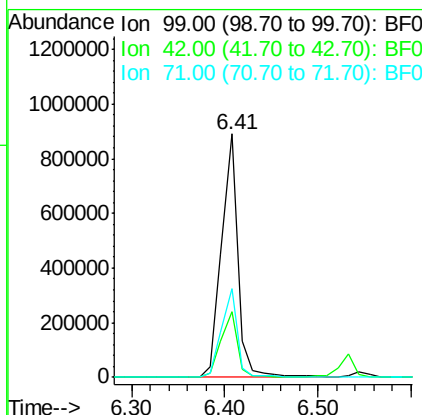
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#8

2-Chlorophenol

Concen: 32.79 ng

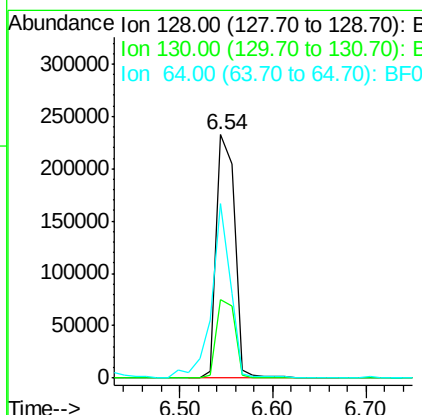
RT: 6.54 min Scan# 390

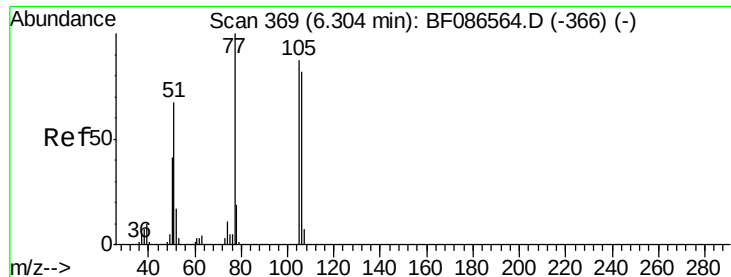
Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	128	Resp:	316126
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	71.6	27.3	67.3#





#9

Benzaldehyde

Concen: 5.86 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086533.D

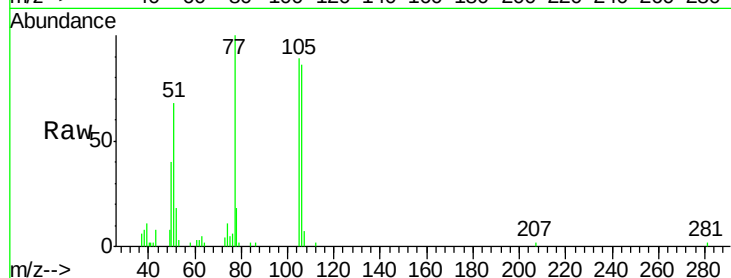
Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

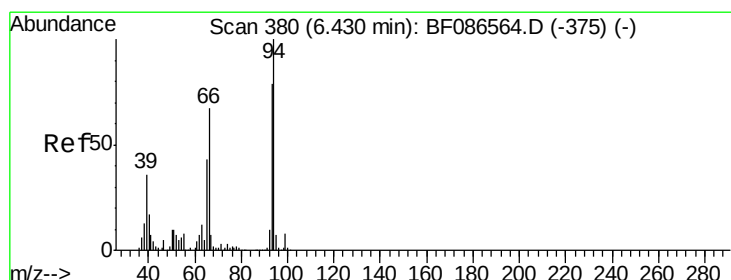
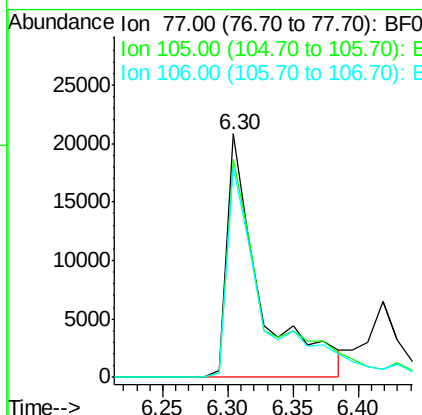
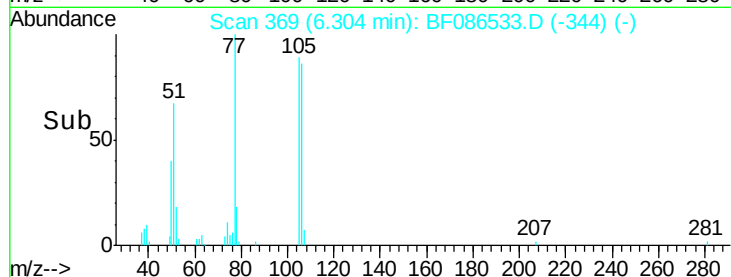
PB90161BS



Tgt Ion:	77	Resp:	36797
Ion	Ratio	Lower	Upper
77	100		
105	89.5	72.7	112.7
106	86.3	70.8	110.8

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#10

Phenol

Concen: 36.25 ng

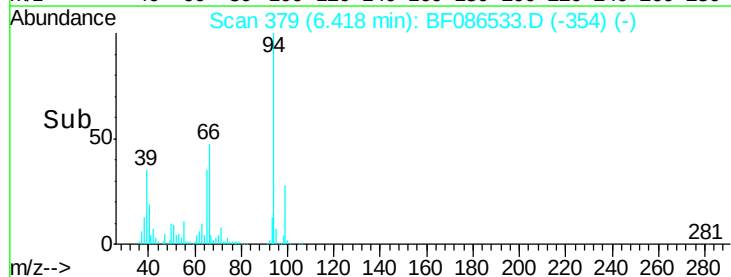
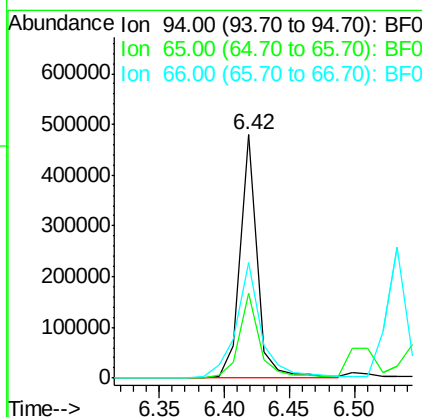
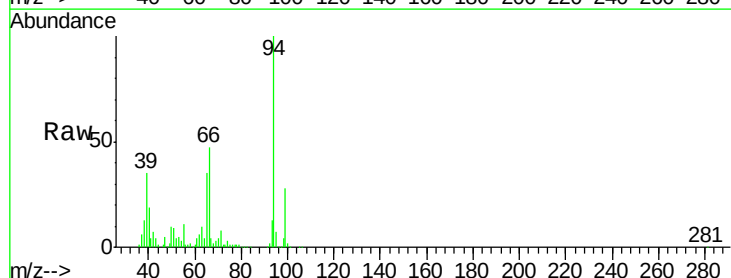
RT: 6.42 min Scan# 379

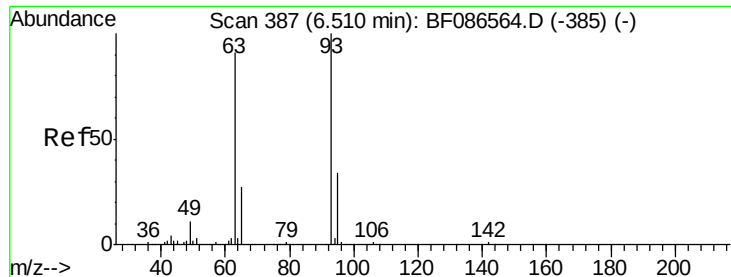
Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	94	Resp:	436876
Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.2	47.2
66	47.2	14.9	54.9





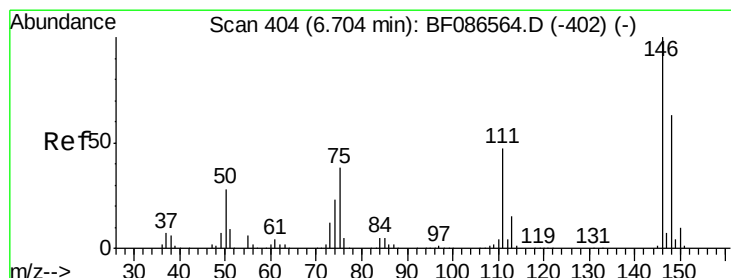
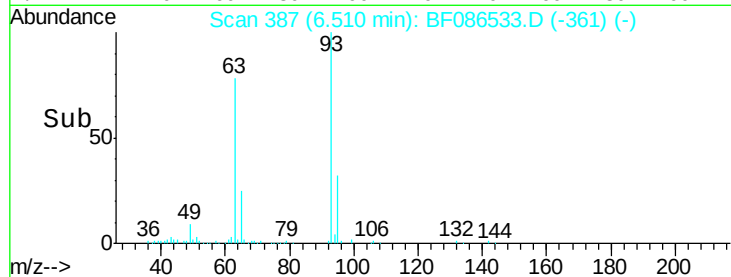
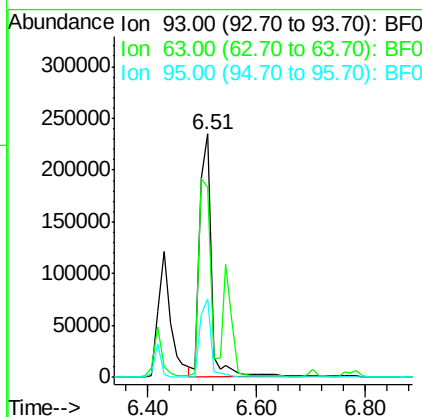
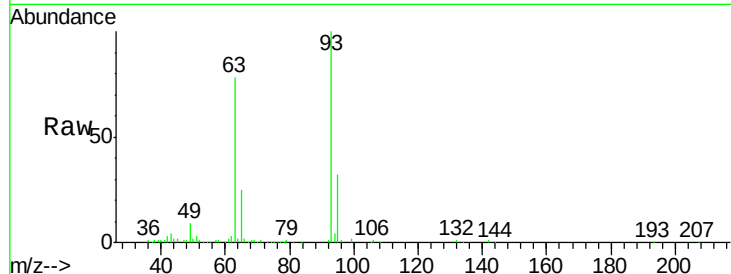
#11
 bis(2-Chloroethyl)ether
 Concen: 32.72 ng
 RT: 6.51 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion:	93	Resp:	340895
Ion	Ratio	Lower	Upper
93	100		
63	77.9	58.0	98.0
95	32.3	11.9	51.9

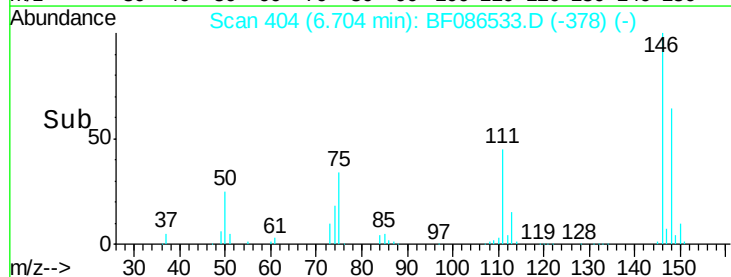
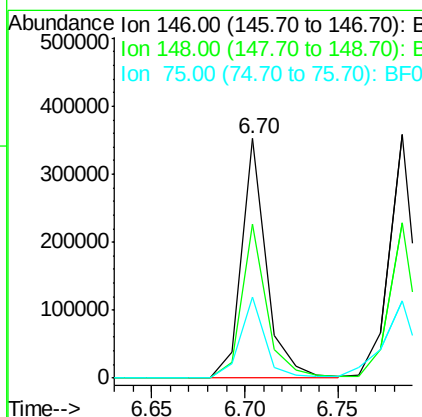
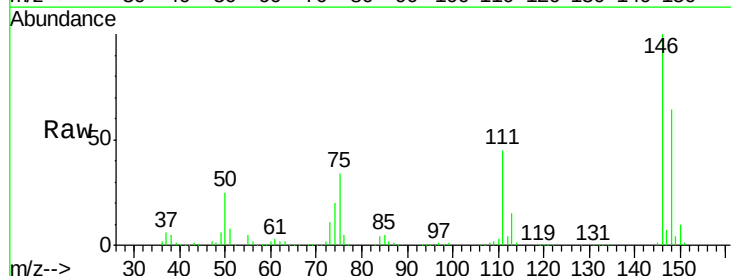
Manual Integrations
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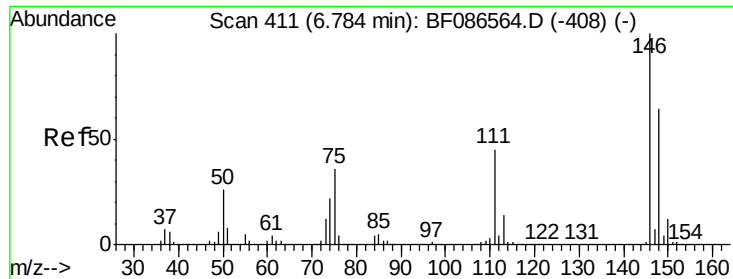
sohil
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#12
 1,3-Dichlorobenzene
 Concen: 31.73 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:	146	Resp:	329000
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.4	78.6
75	33.9	22.8	34.2





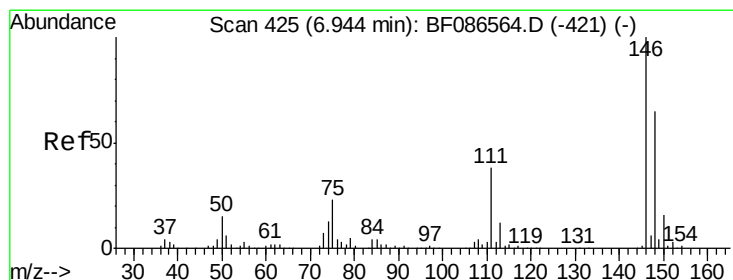
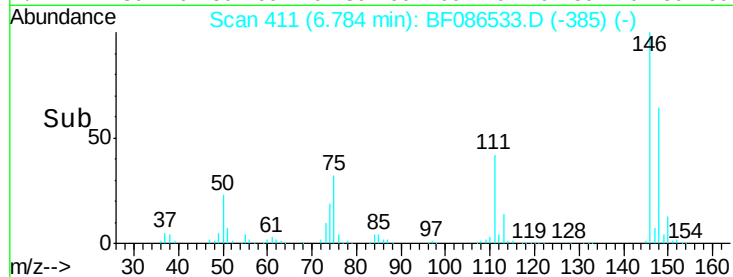
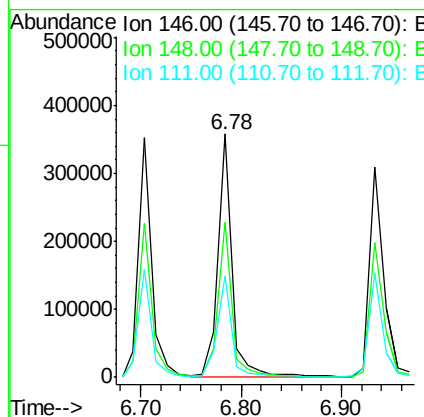
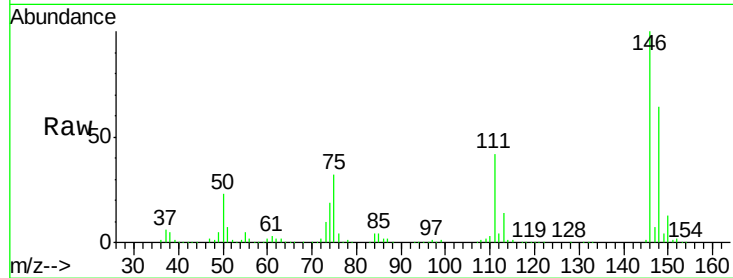
#13
 1,4-Dichlorobenzene
 Concen: 32.65 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.8	52.2	78.4
111	41.9	30.7	46.1

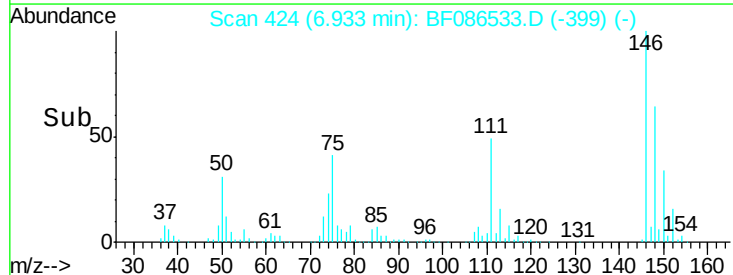
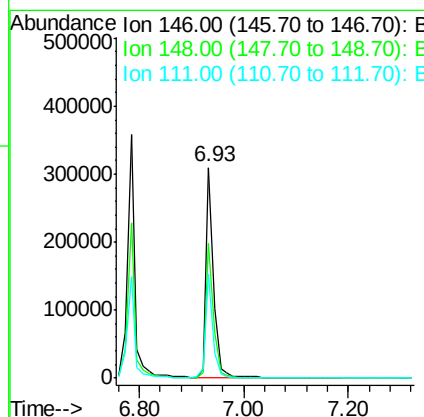
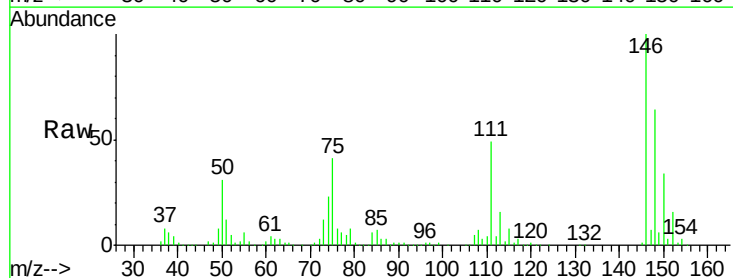
Manual Integrations
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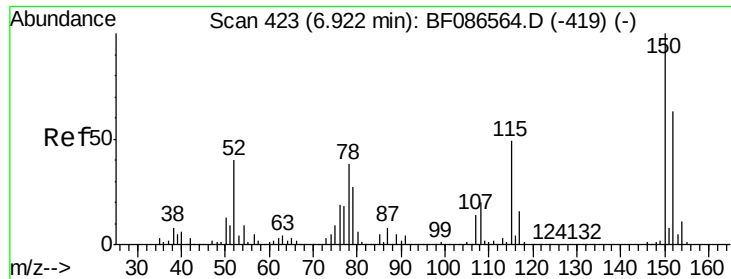
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#14
 1,2-Dichlorobenzene
 Concen: 32.80 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.9	51.0	76.6
111	49.4	36.2	54.4





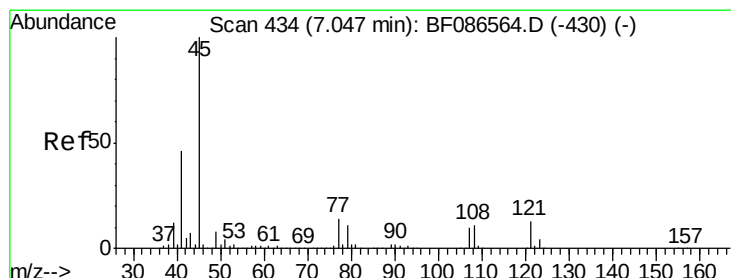
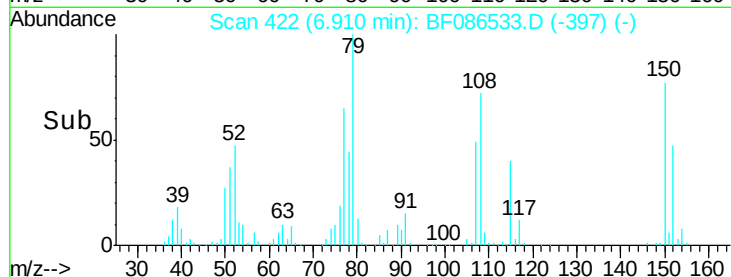
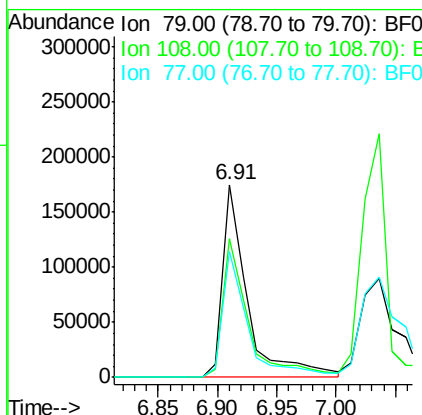
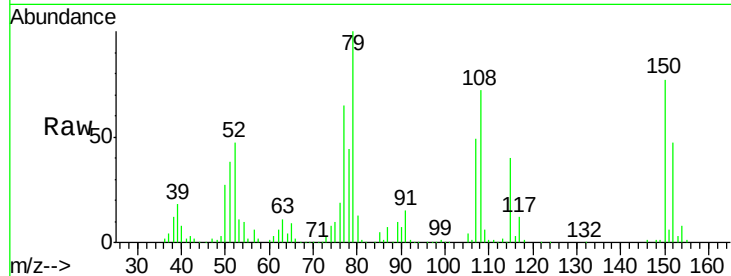
#15
Benzyl Alcohol
Concen: 36.89 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	252125		
108	71.8	68.4	102.6	
77	65.3	50.6	76.0	

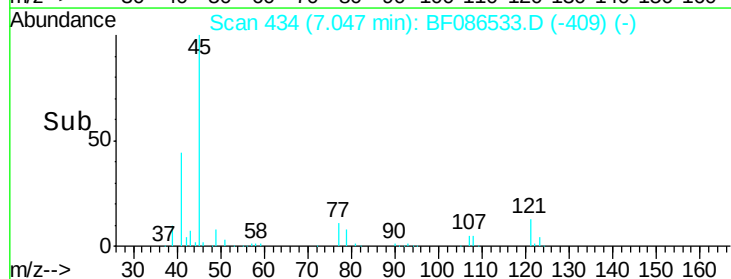
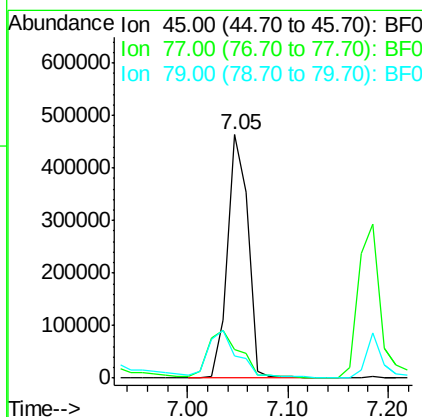
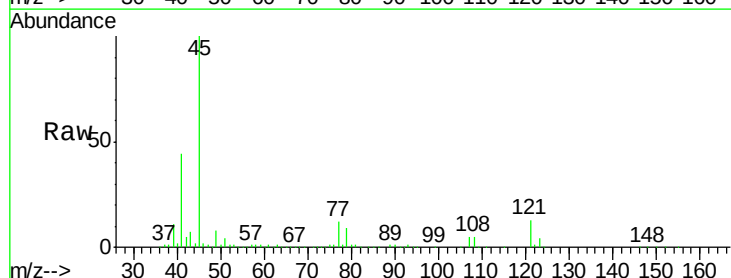
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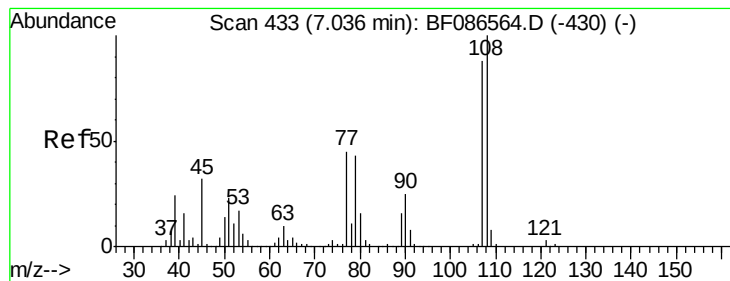
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.37 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	654129		
77	12.0	0.0	36.4	
79	9.3	0.0	33.4	





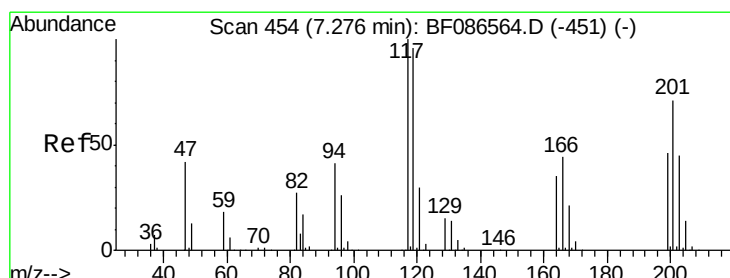
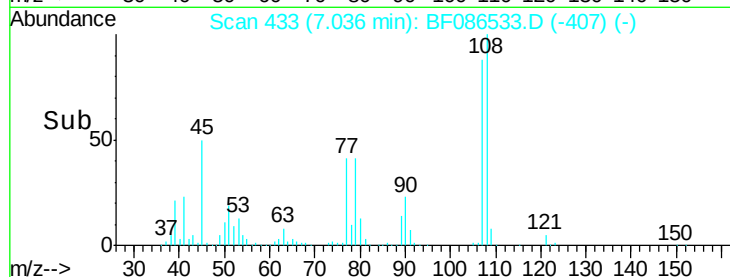
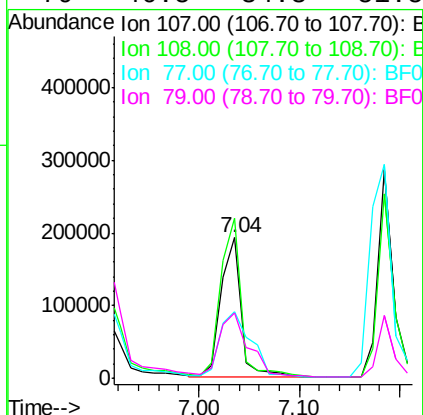
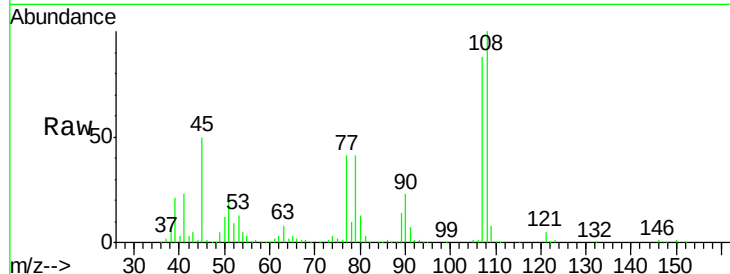
#17
2-Methylphenol
Concen: 34.70 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Tgt Ion:	107	Resp:	270377
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.7	140.5
77	47.1	33.4	50.0
79	46.5	34.3	51.5

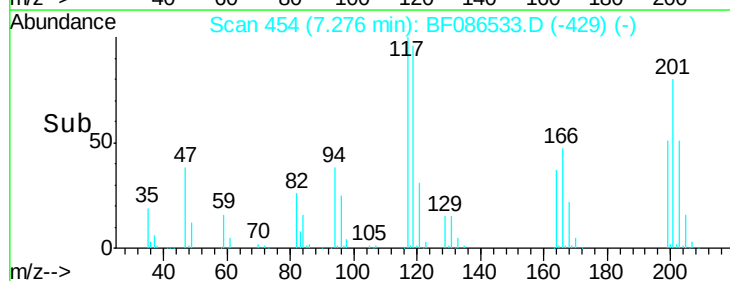
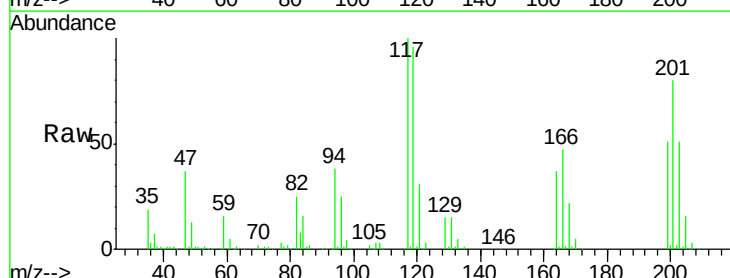
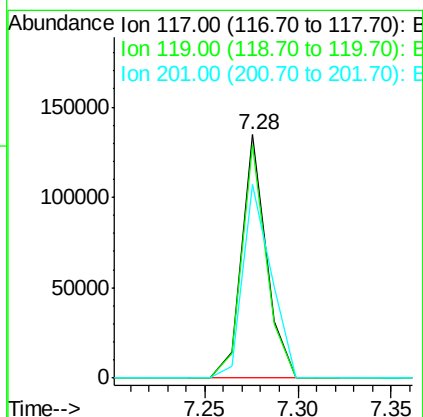
Manual Integrations
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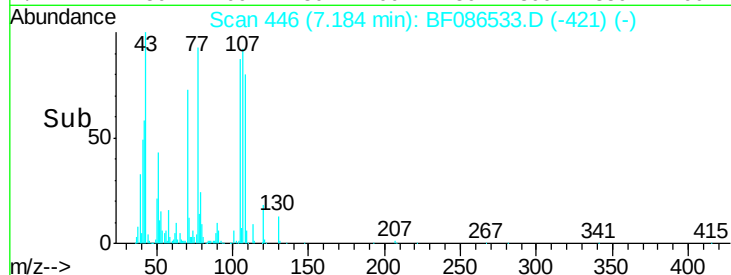
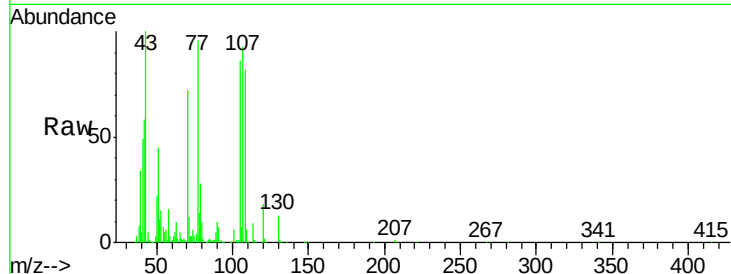
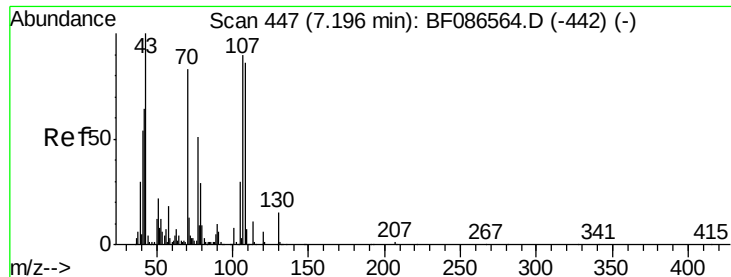
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#18
Hexachloroethane
Concen: 31.08 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:	117	Resp:	124246
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.5	114.7
201	79.7	63.0	94.6





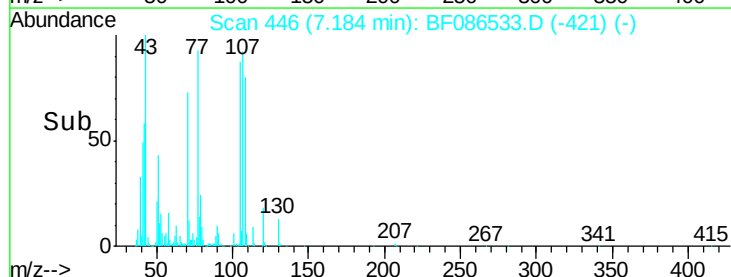
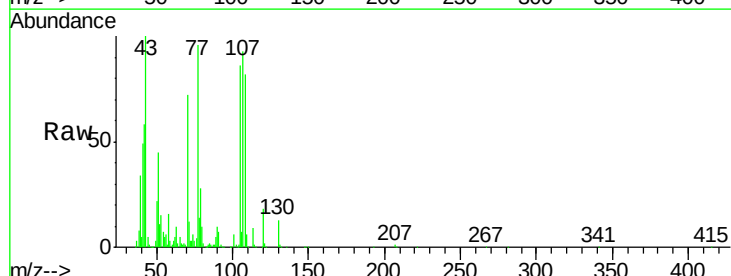
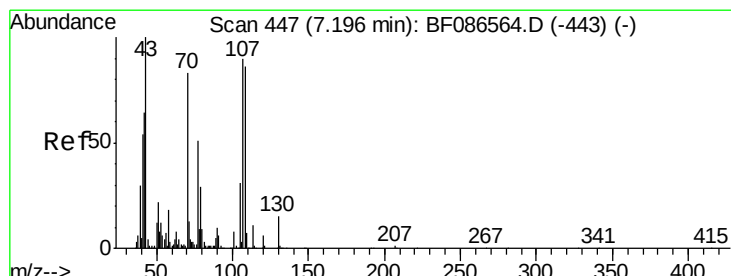
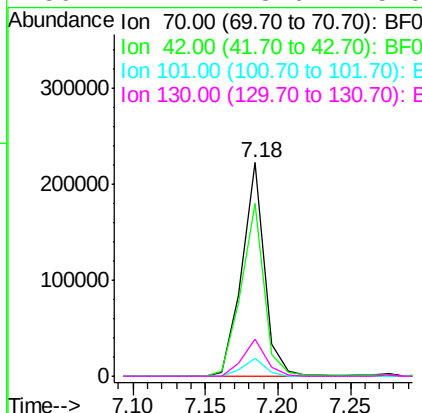
#19
n-Nitroso-di-n-propylamine
Concen: 33.69 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Manual Integrations
APPROVED

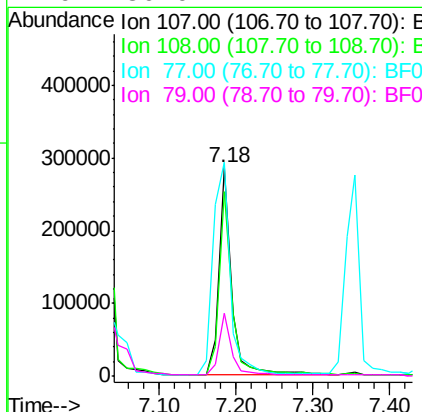
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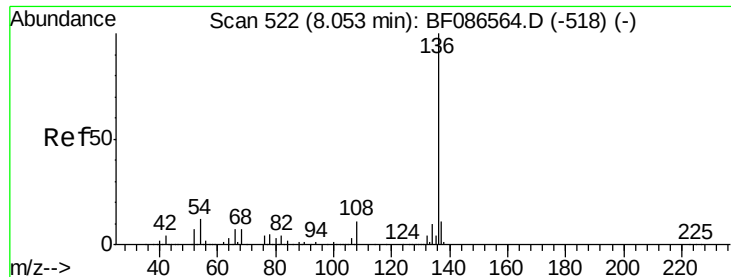
Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.7	43.1	64.7#
101	8.4	8.1	12.1
130	17.4	18.6	28.0#



#20
3+4-Methylphenols
Concen: 36.87 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.5	108.5
77	102.4	101.6	141.6
79	30.0	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

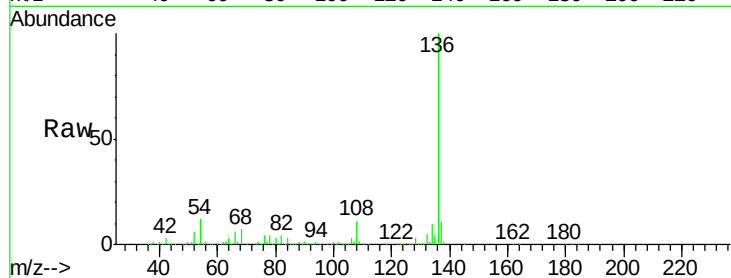
ClientSampleId :

PB90161BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.7	5.0	7.4#
68	6.9	4.4	6.6#

Manual Integrations
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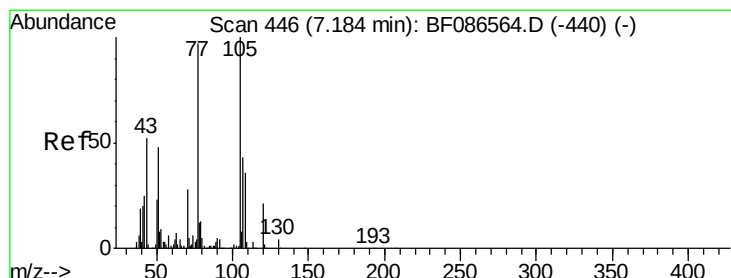
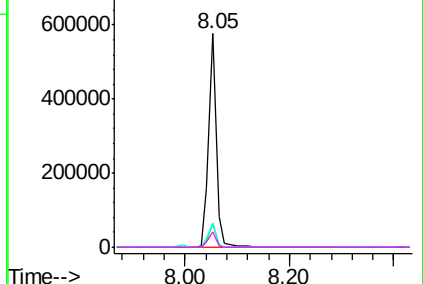
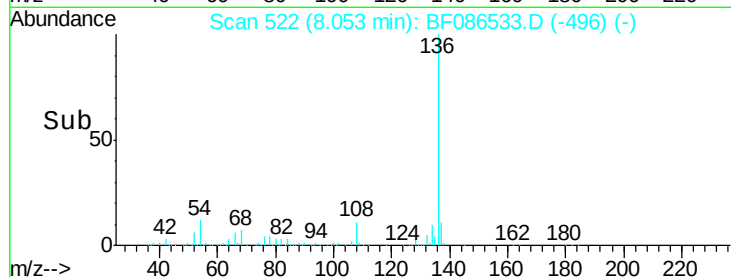


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.11 ng

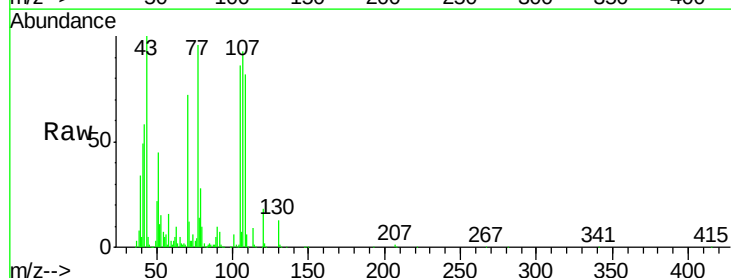
RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	14.2	4.8	7.2#
51	51.7	32.6	49.0#
120	21.1	16.5	24.7

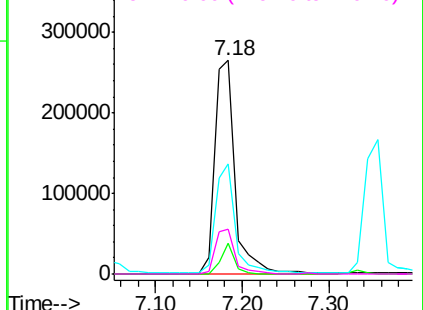
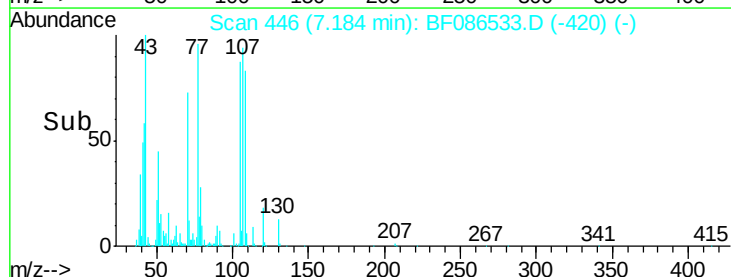


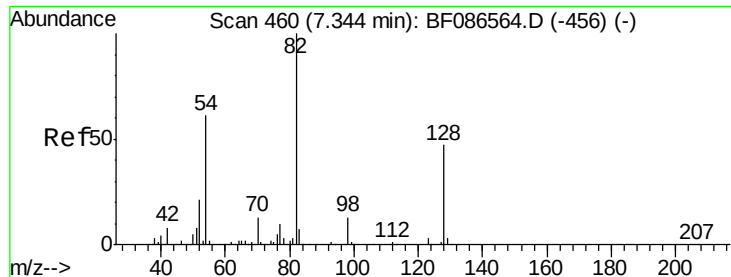
Abundance Ion 105.00 (104.70 to 105.70): E

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





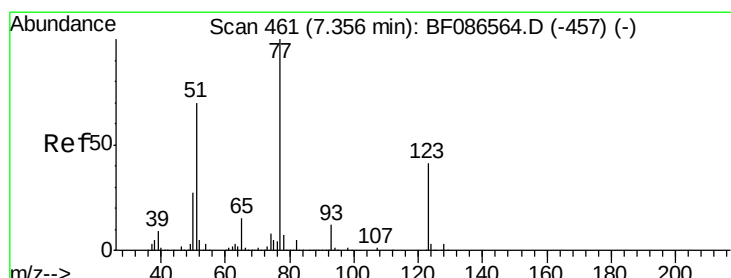
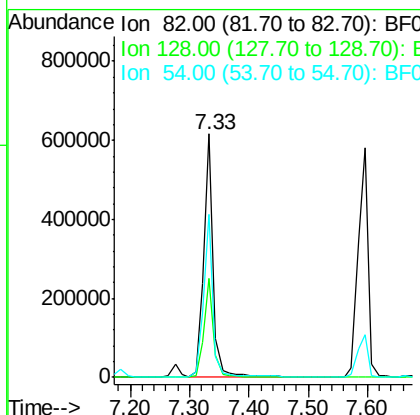
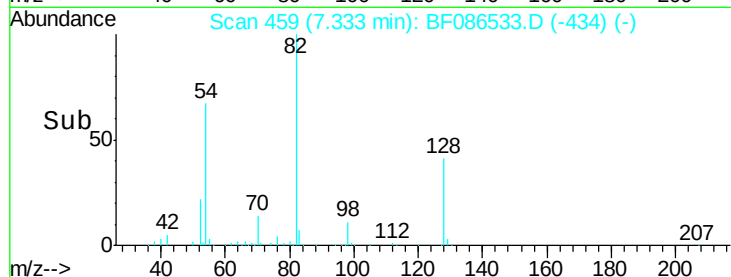
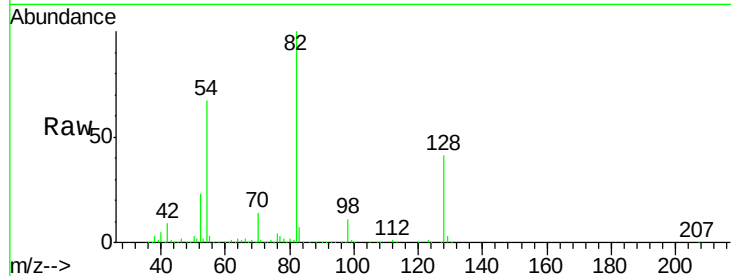
#23
 Nitrobenzene-d5
 Concen: 65.77 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.8	40.6	61.0
54	66.7	38.1	57.1#

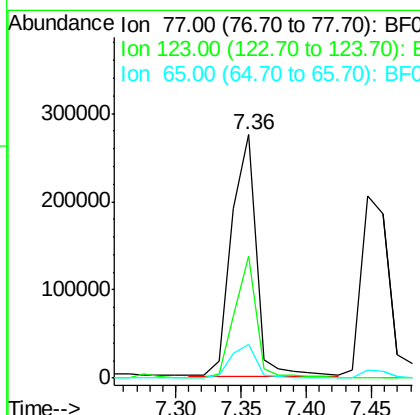
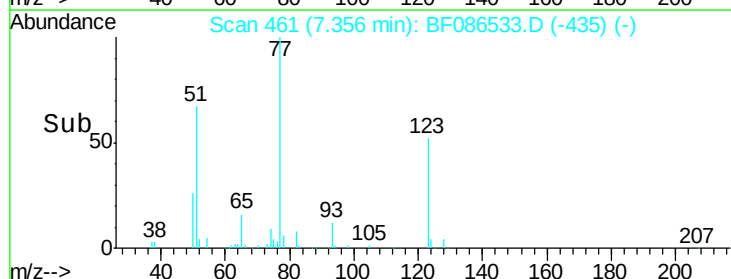
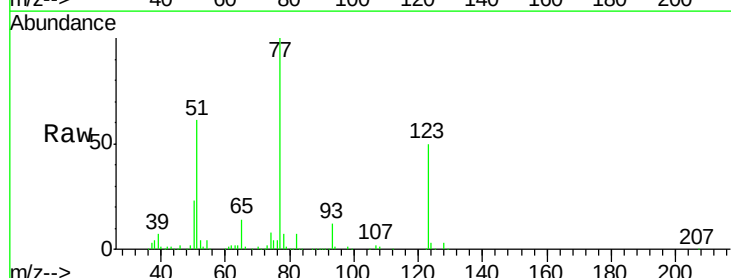
Manual Integrations
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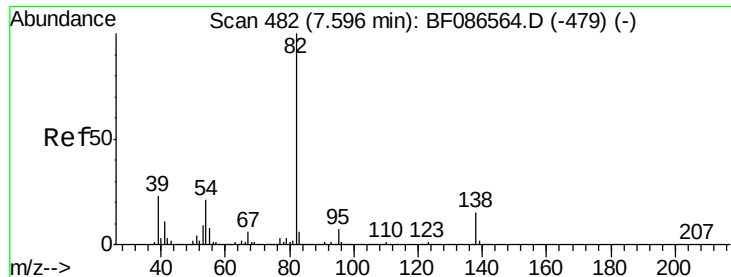
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#24
 Nitrobenzene
 Concen: 32.03 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	50.1	33.0	49.4#
65	13.6	10.8	16.2





#25

Isophorone

Concen: 32.10 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

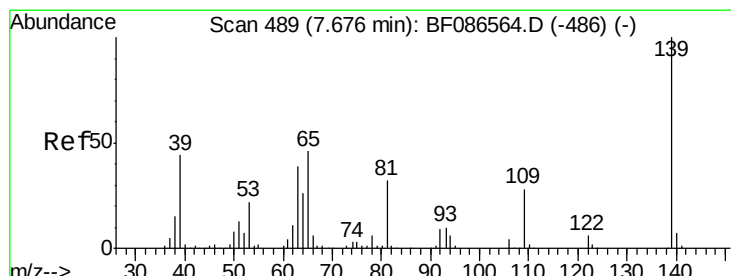
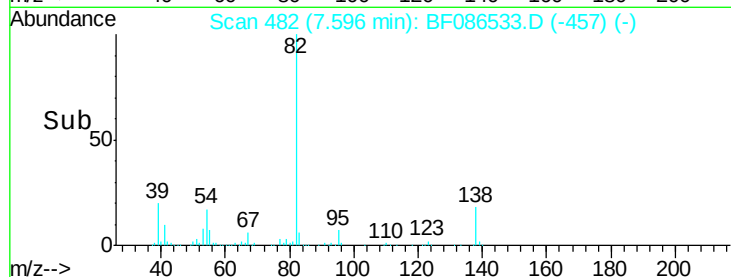
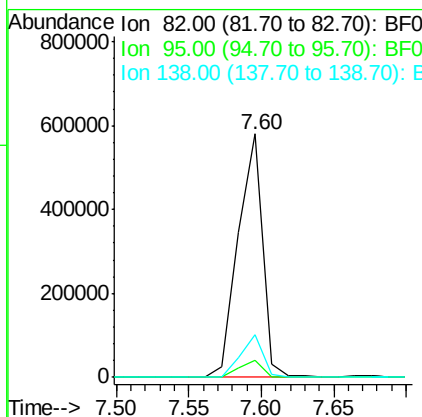
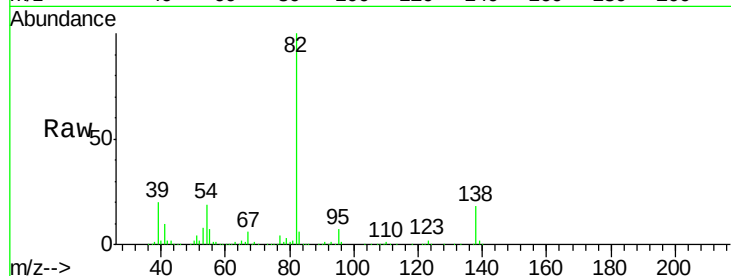
ClientSampleId :

PB90161BS

Tgt Ion:	82	Resp:	675588
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.1	7.7
138	17.7	12.4	18.6

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#26

2-Nitrophenol

Concen: 32.58 ng

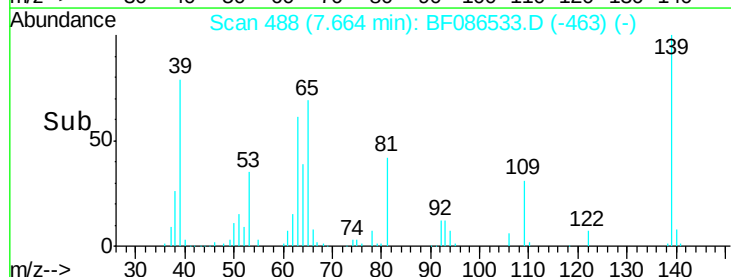
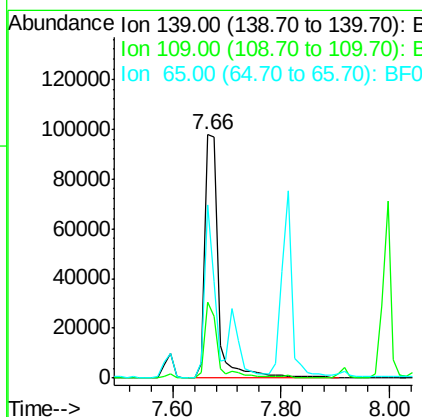
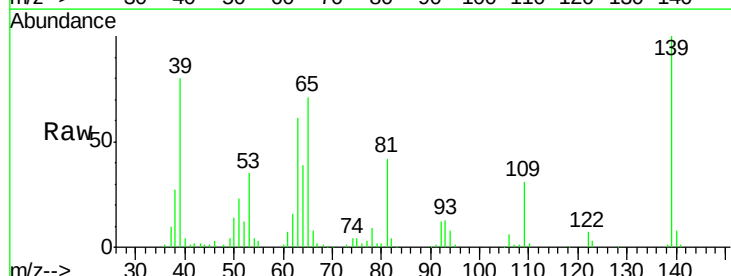
RT: 7.66 min Scan# 488

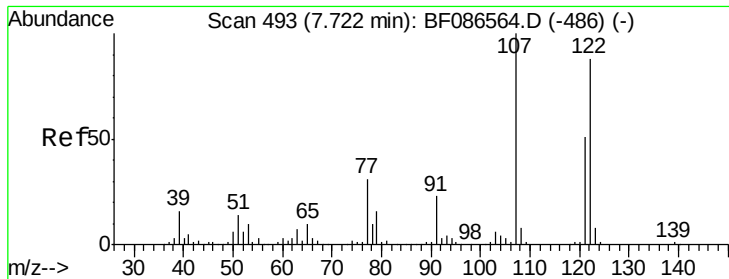
Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	139	Resp:	168731
Ion Ratio	Lower	Upper	
139	100		
109	31.4	19.5	29.3#
65	71.0	37.5	56.3#





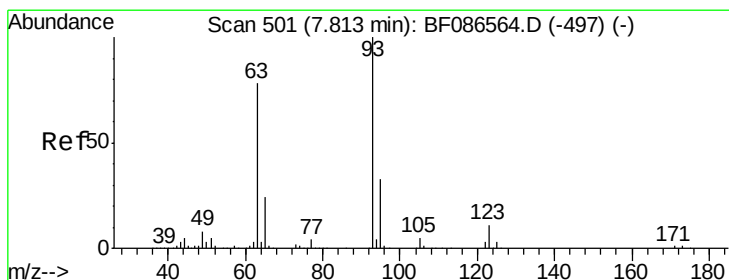
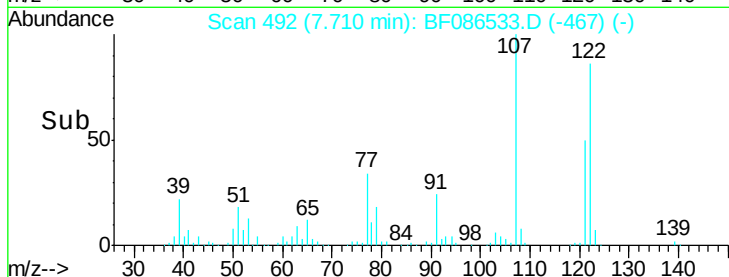
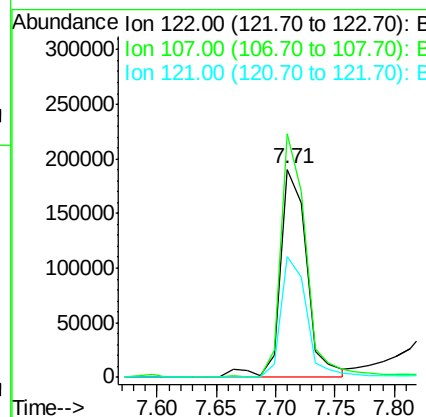
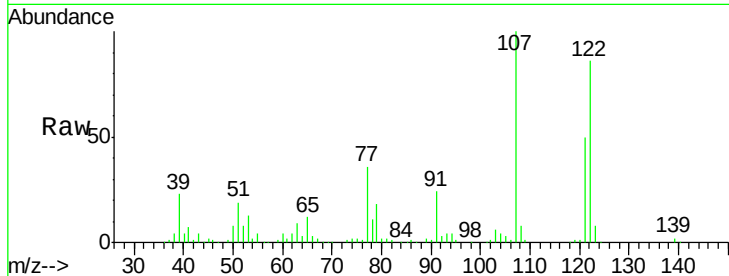
#27
2,4-Dimethylphenol
Concen: 32.29 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	293455		
107	117.0	82.0	123.0	
121	58.1	46.1	69.1	

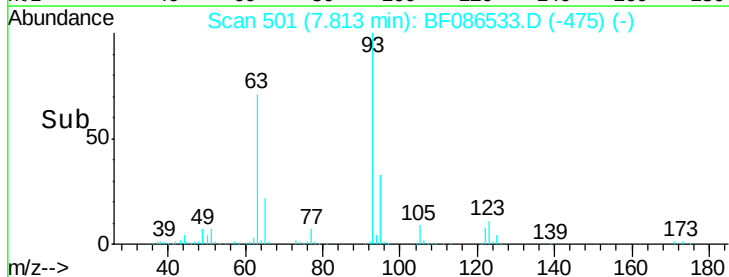
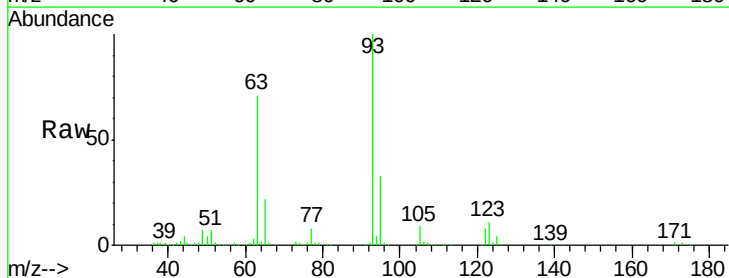
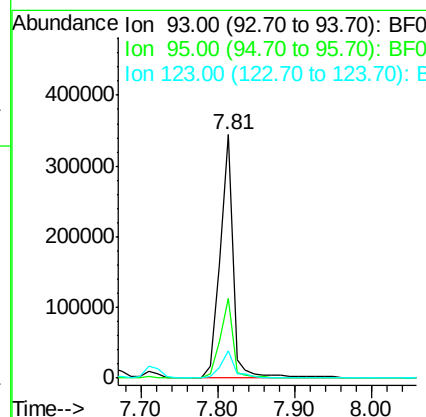
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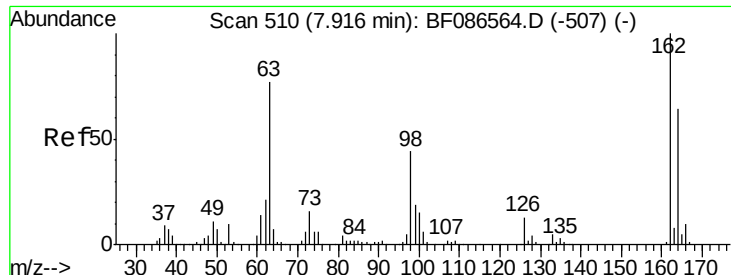
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#28
bis(2-Chloroethoxy)methane
Concen: 34.79 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	398950		
95	32.9	26.0	39.0	
123	11.5	9.5	14.3	





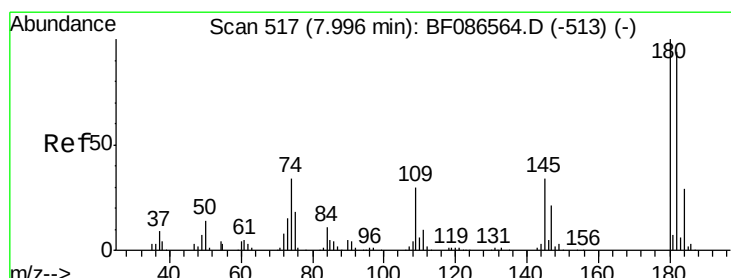
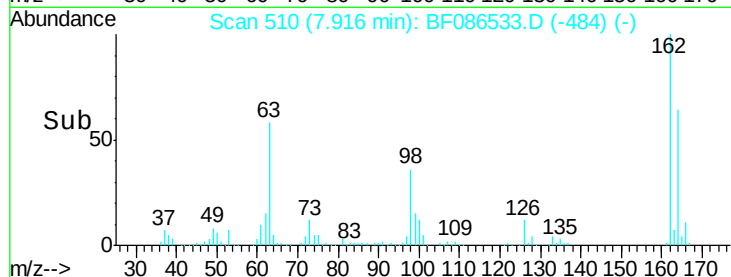
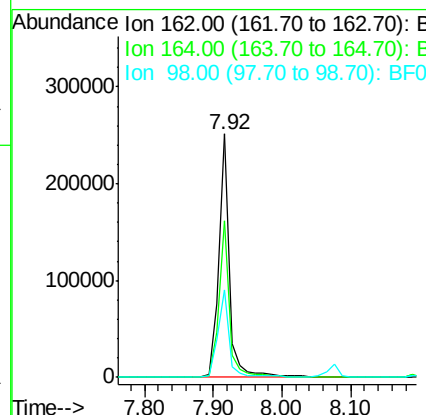
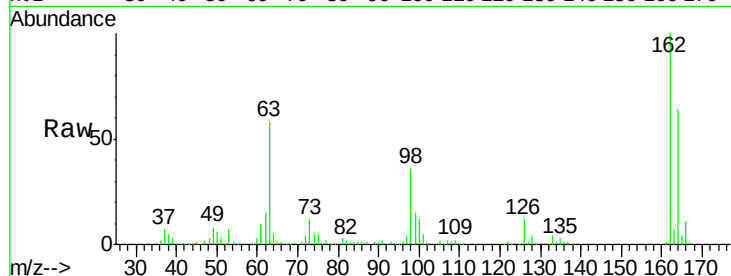
#29
 2,4-Dichlorophenol
 Concen: 36.33 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	42.2	82.2
98	36.0	19.0	59.0

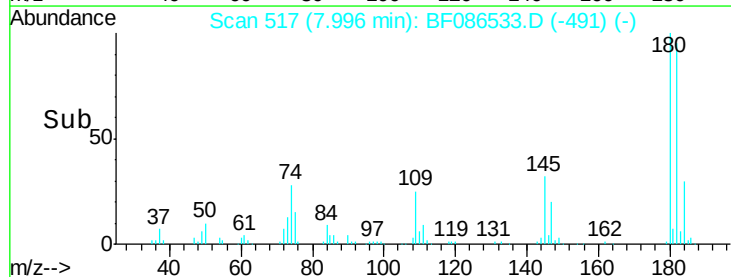
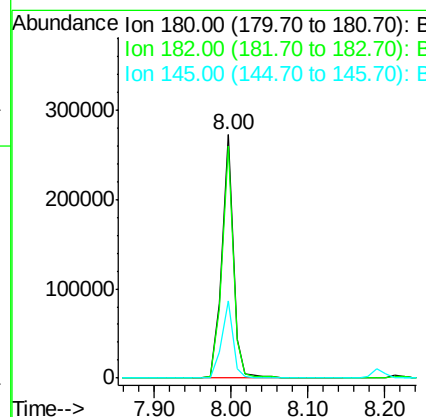
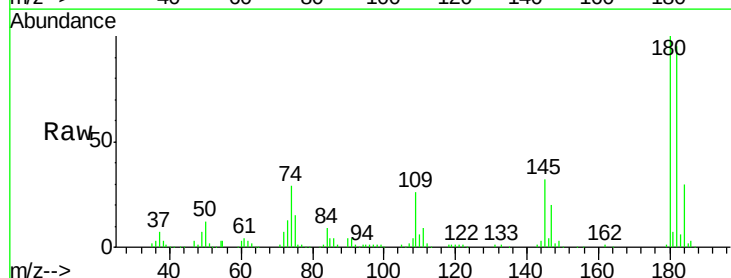
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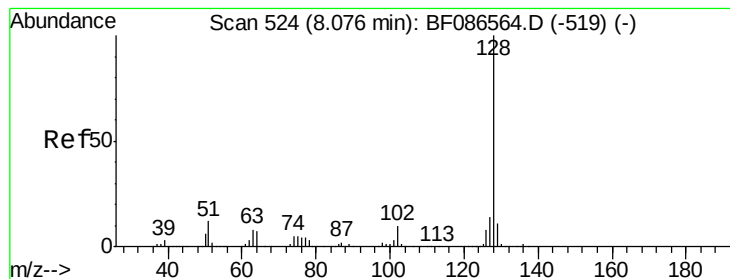
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.24 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	78.0	117.0
145	31.7	24.2	36.2





#31

Naphthalene

Concen: 33.05 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

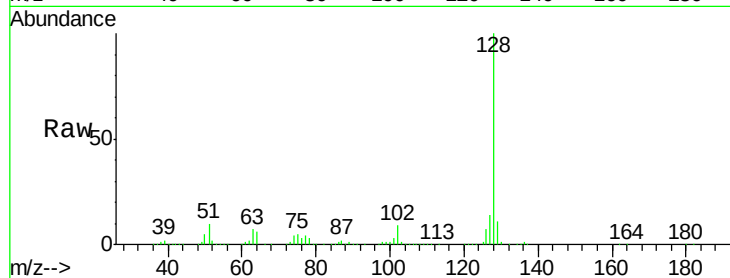
ClientSampleId :

PB90161BS

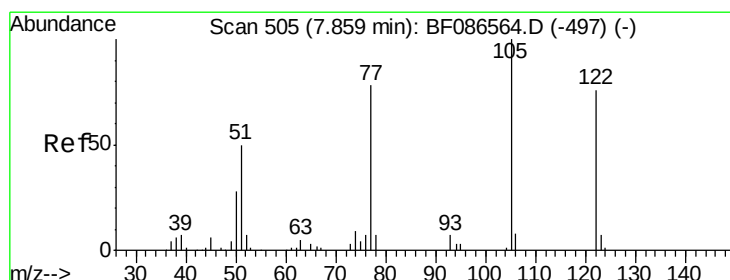
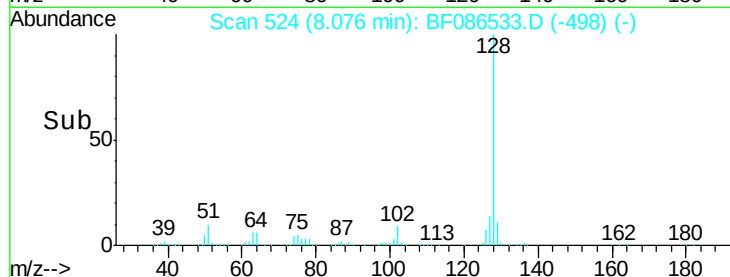
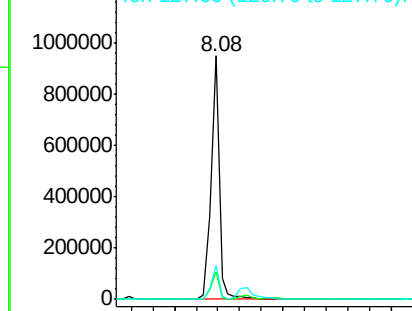
Tgt Ion:	128	Resp:	991228
Ion Ratio		Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.6	10.8	16.2

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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: 28.63 ng

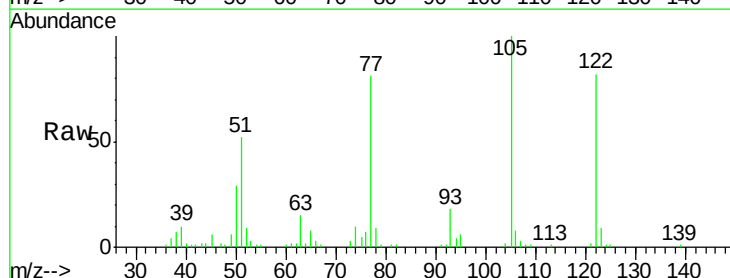
RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

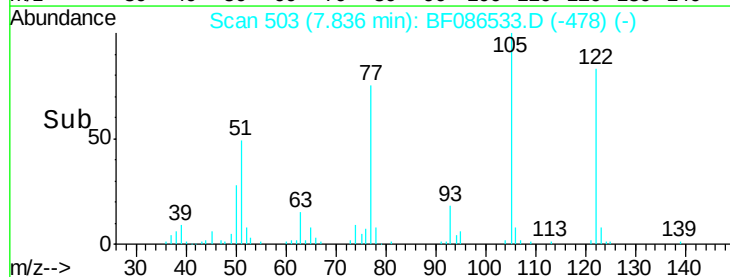
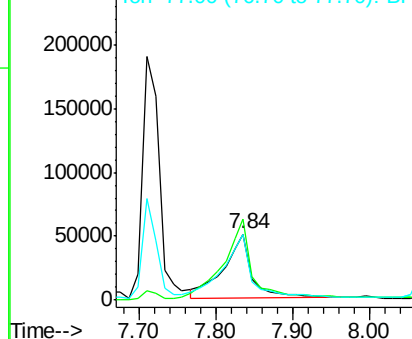
Lab File: BF086533.D

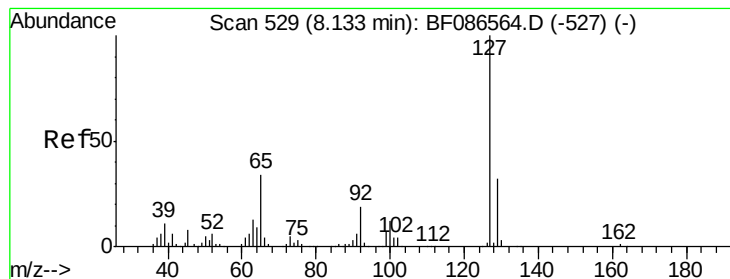
Acq: 30 Apr 2016 19:43

Tgt Ion:	122	Resp:	133693
Ion Ratio		Lower	Upper
122	100		
105	121.7	92.6	132.6
77	98.3	60.0	100.0



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: 8.74 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF086533.D

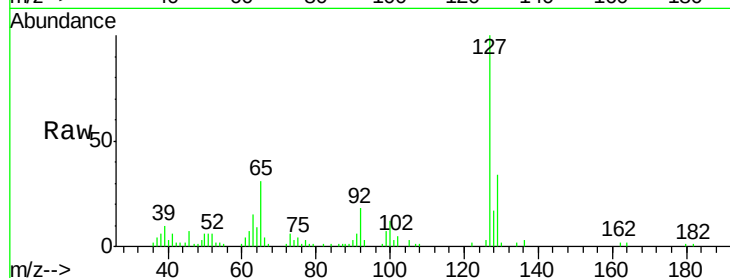
Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

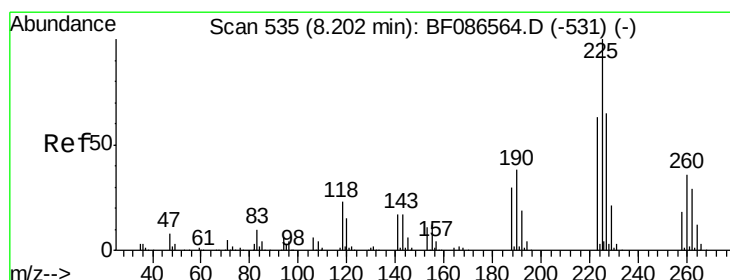
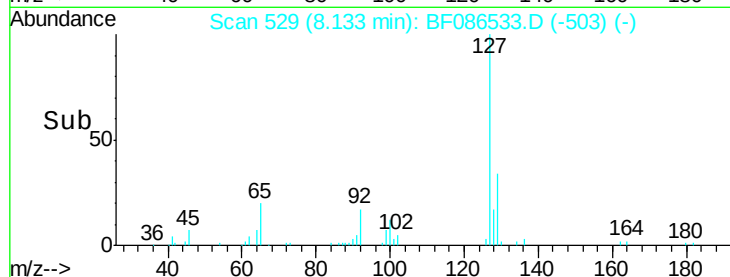
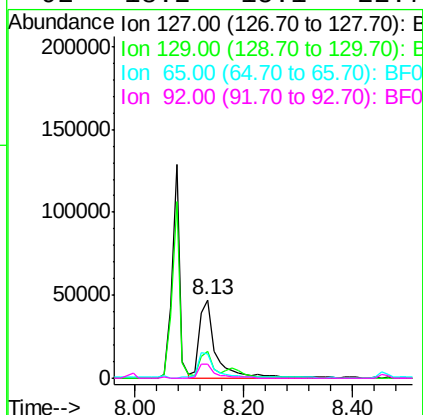
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Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.4
65	30.6	23.0	34.4
92	18.2	15.1	22.7

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#34

Hexachlorobutadiene

Concen: 30.27 ng

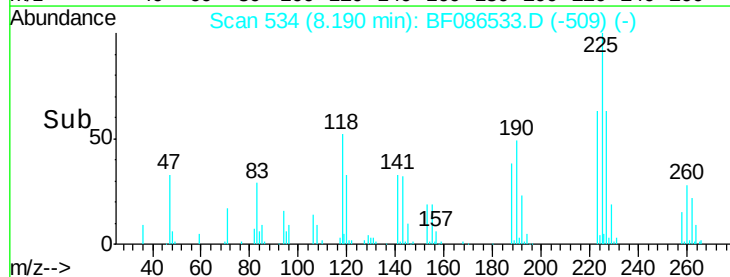
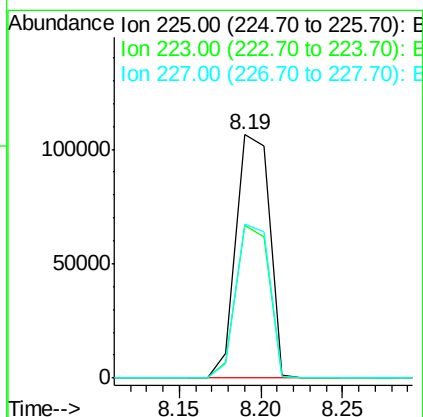
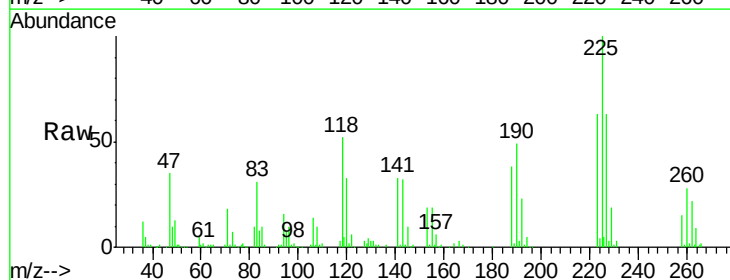
RT: 8.19 min Scan# 534

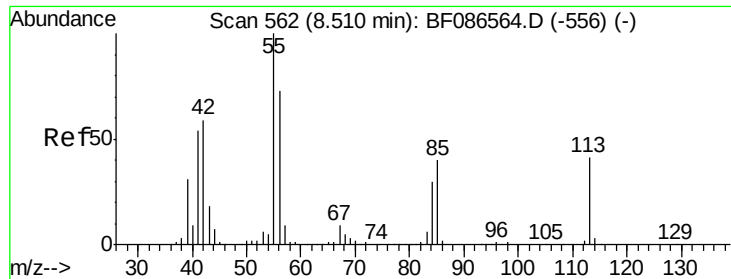
Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.5	77.3
227	63.0	52.2	78.2





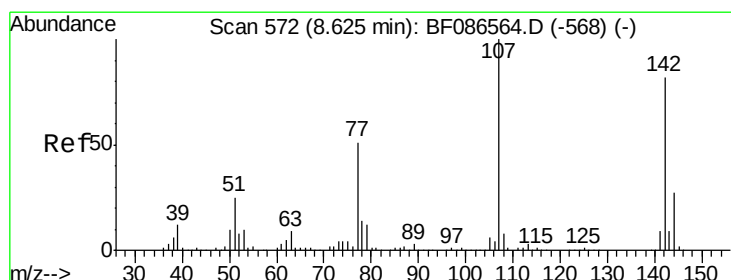
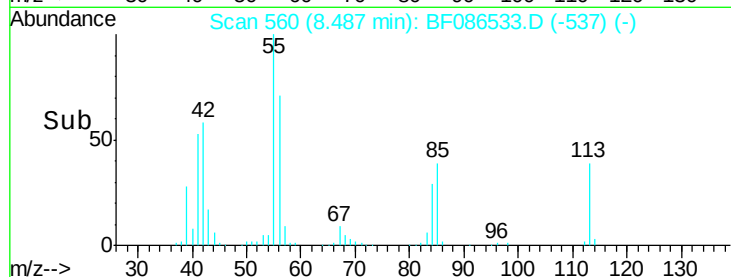
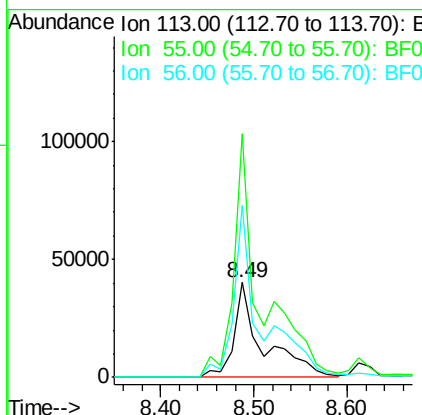
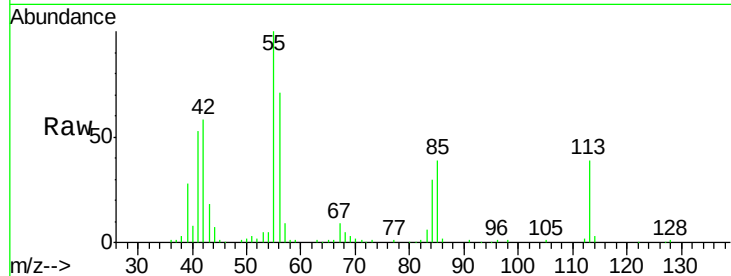
#35
 Caprolactam
 Concen: 34.56 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion:113 Resp: 88413
 Ion Ratio Lower Upper
 113 100
 55 256.3 162.0 202.0#
 56 181.2 115.3 155.3#

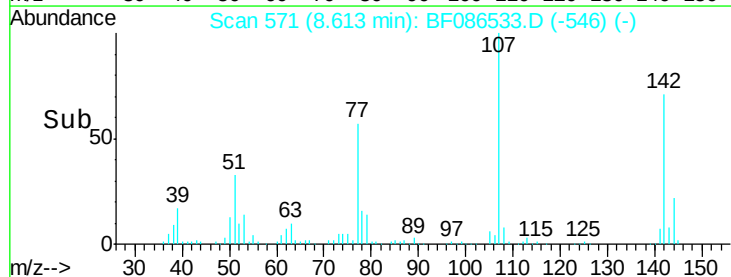
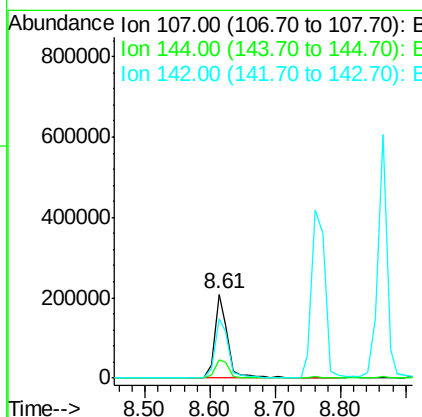
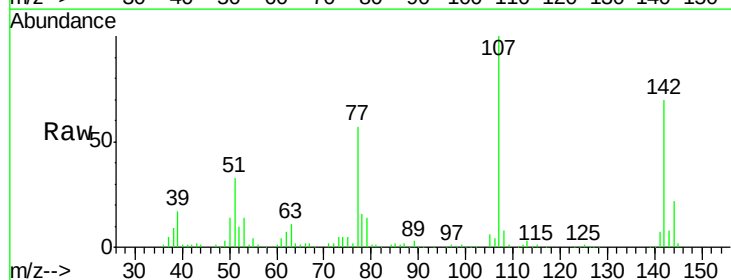
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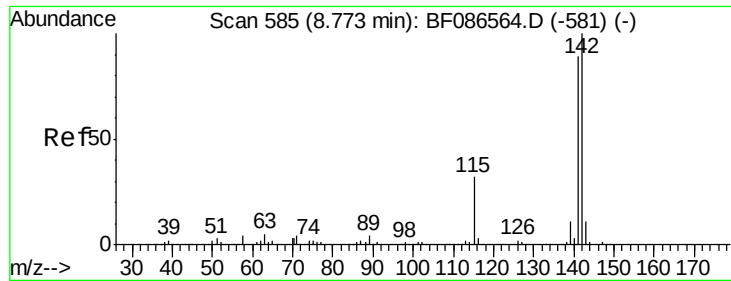
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#36
 4-Chloro-3-methylphenol
 Concen: 33.94 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:107 Resp: 297955
 Ion Ratio Lower Upper
 107 100
 144 21.8 20.7 31.1
 142 70.5 63.2 94.8





#37

2-Methylnaphthalene

Concen: 33.76 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086533.D

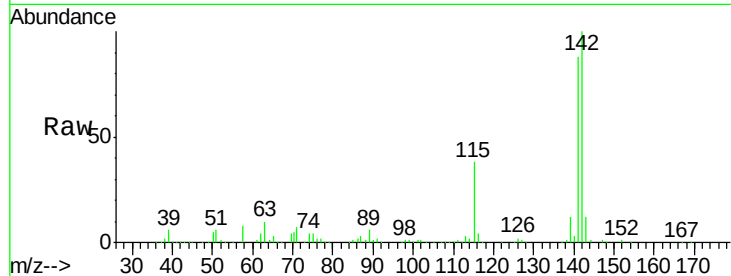
Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

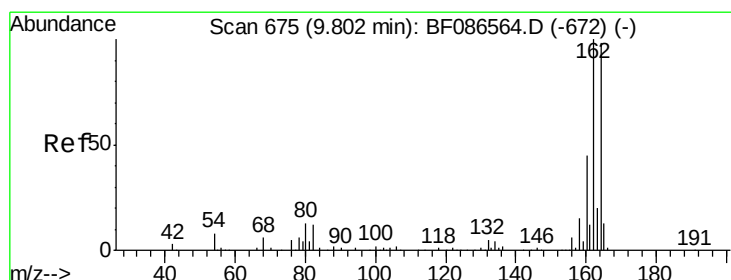
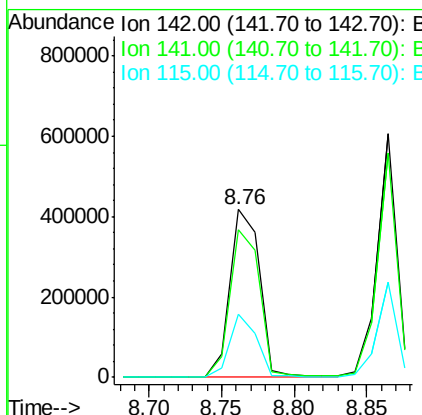
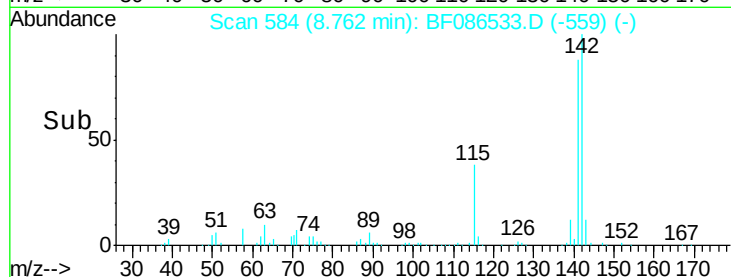
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Tgt Ion:	142	Resp:	597449
Ion Ratio	Lower	Upper	
142	100		
141	87.8	71.0	106.6
115	37.7	26.6	39.8

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#38

Acenaphthene-d10

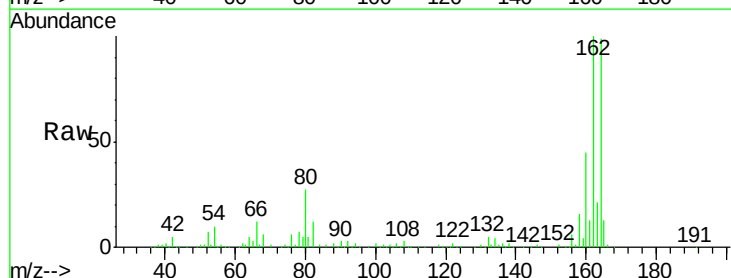
Concen: 20.00 ng

RT: 9.80 min Scan# 675

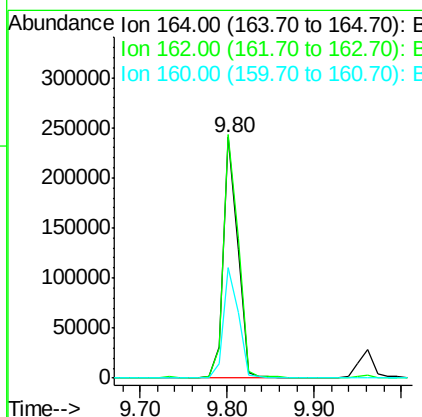
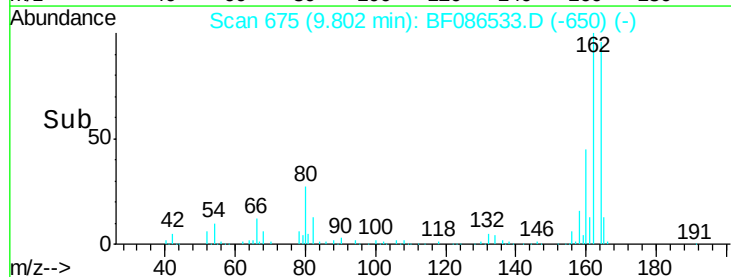
Delta R.T. -0.01 min

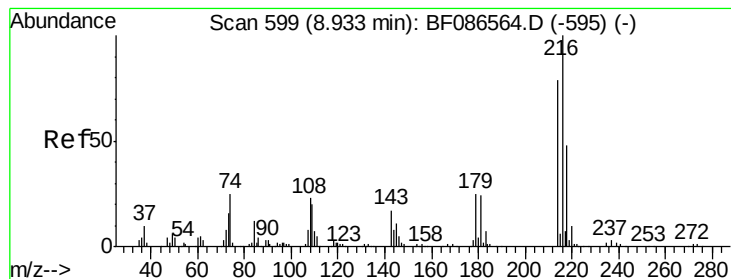
Lab File: BF086533.D

Acq: 30 Apr 2016 19:43



Tgt Ion:	164	Resp:	284978
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.8	124.2
160	45.6	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.80 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF086533.D

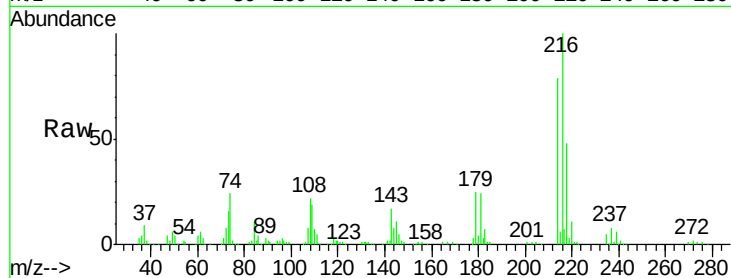
Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

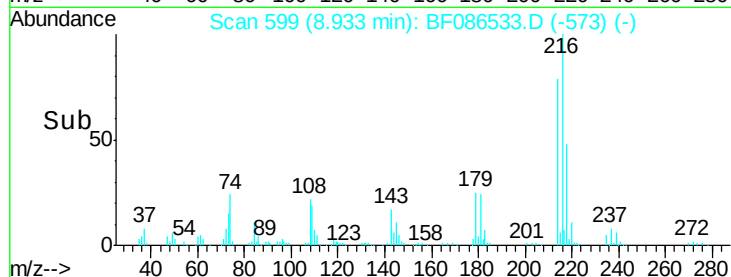
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Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.1	62.6	93.8
179	23.8	18.2	27.4
108	26.3	17.5	26.3

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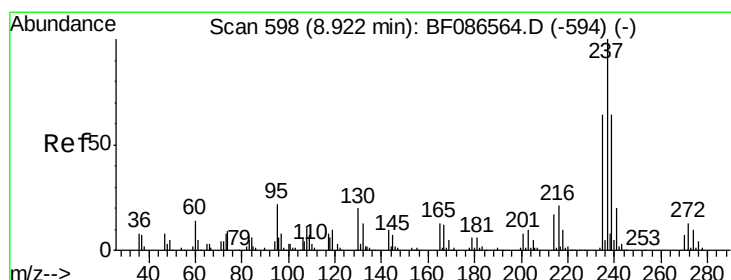
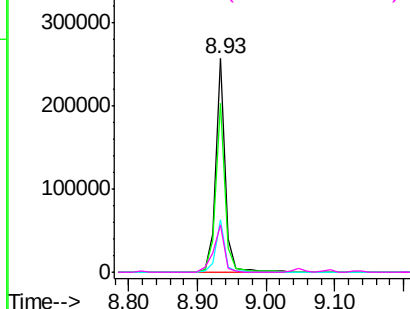


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.72 ng

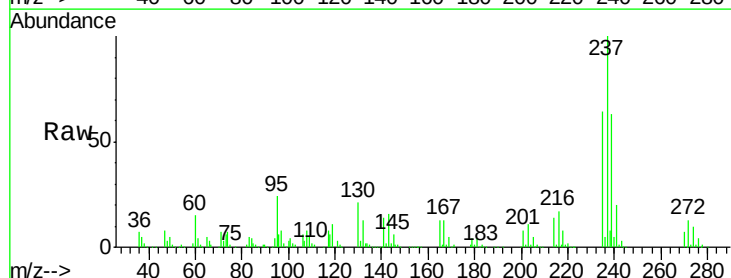
RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

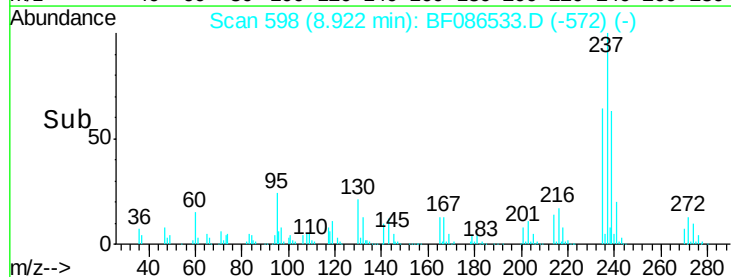
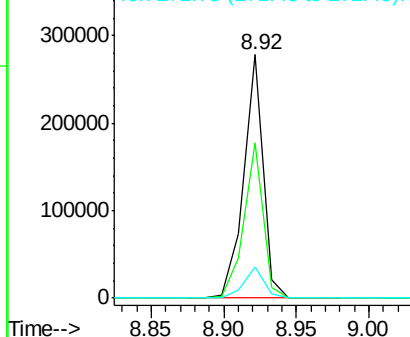
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.9	47.2	87.2
272	12.8	0.0	31.1

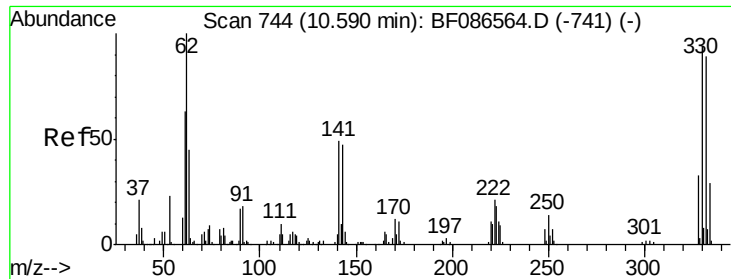


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





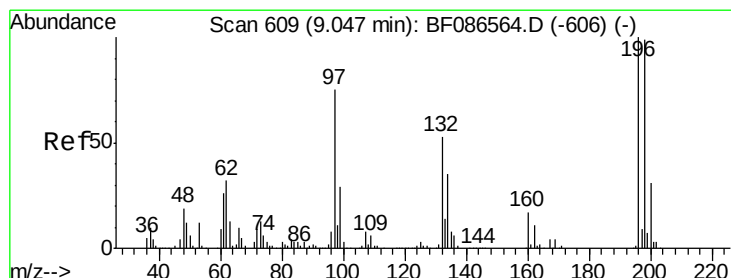
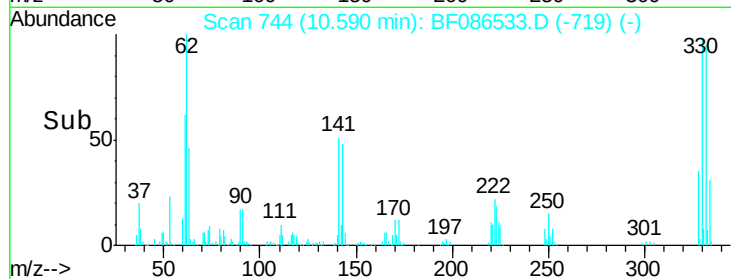
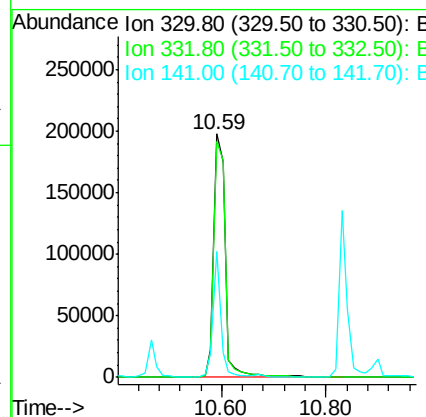
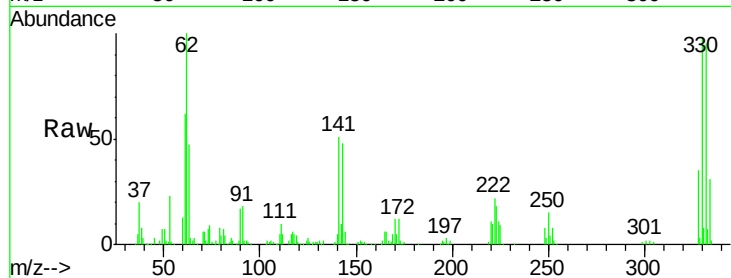
#41
 2,4,6-Tribromophenol
 Concen: 101.02 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	303592		
332	97.8	79.0	118.4	
141	33.8	31.2	46.8	

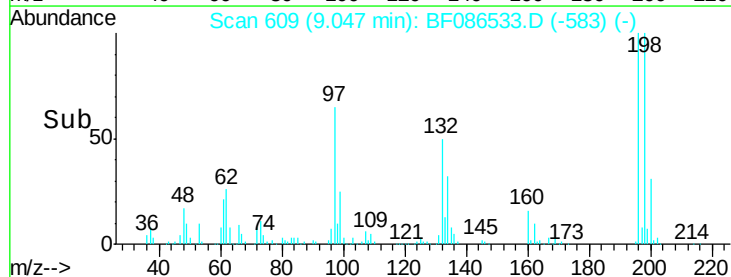
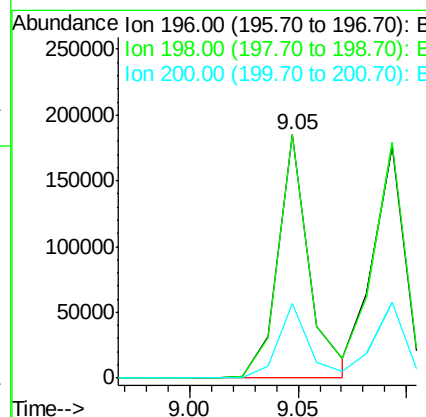
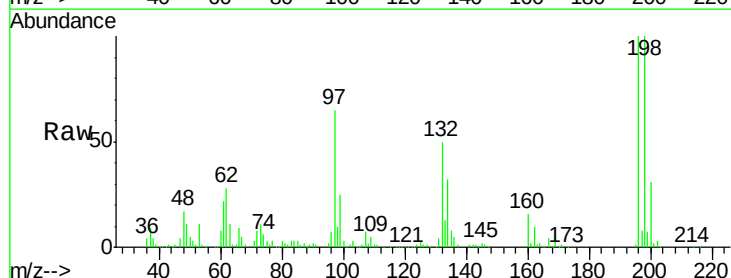
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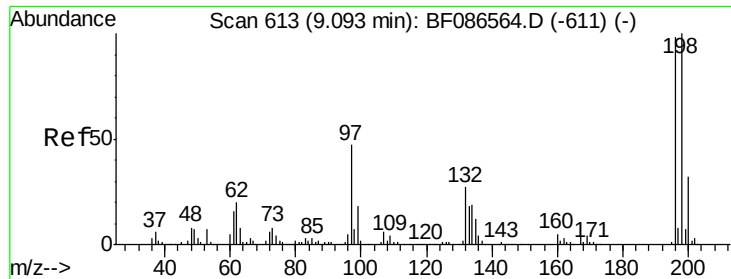
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#42
 2,4,6-Trichlorophenol
 Concen: 36.18 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

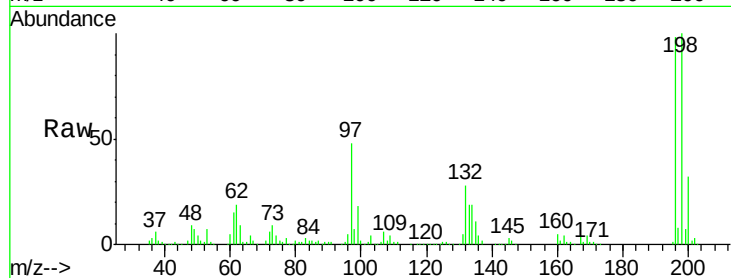
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186551		
198	100.1	74.7	112.1	
200	30.9	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 34.06 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

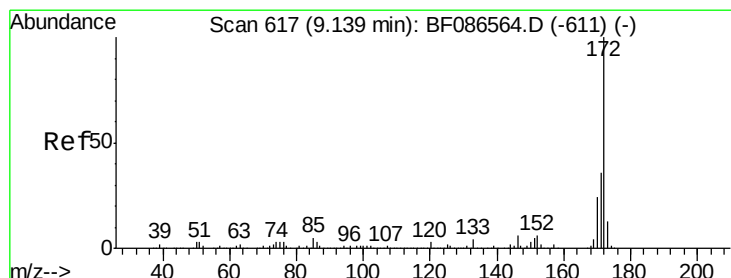
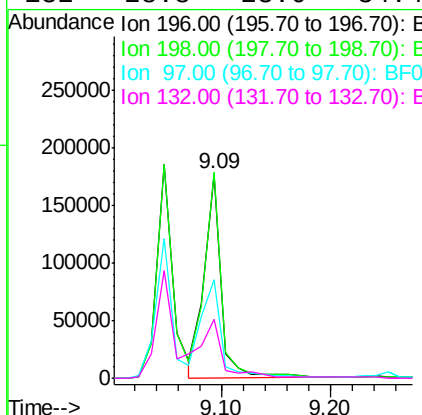
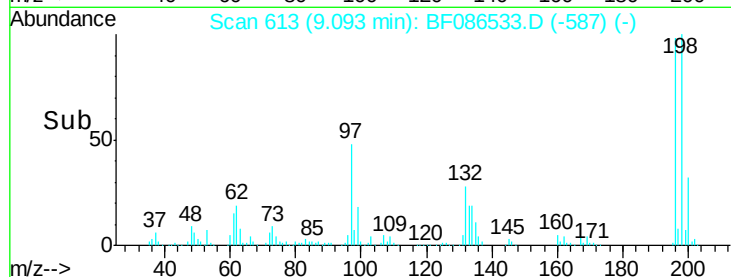
Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS



Tgt Ion:	196	Resp:	191447
Ion Ratio	Lower	Upper	
196	100		
198	101.5	77.5	116.3
97	48.7	34.8	52.2
132	28.8	23.0	34.4

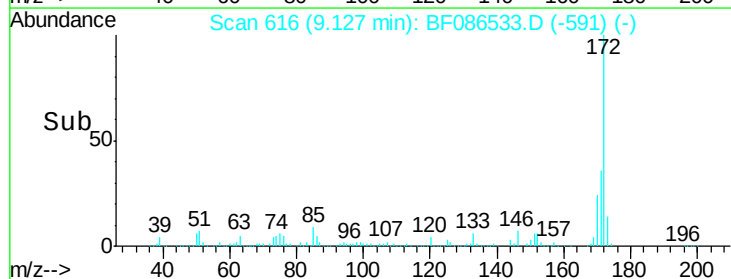
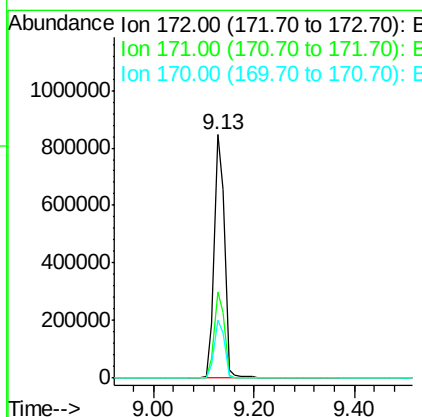
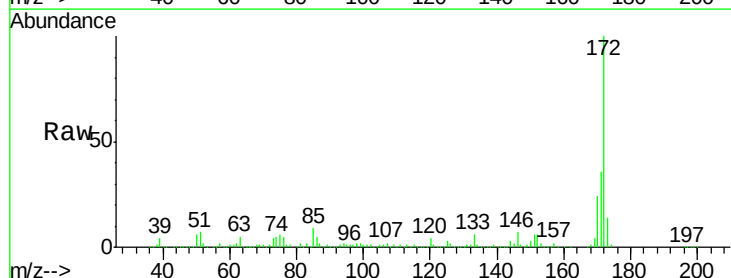
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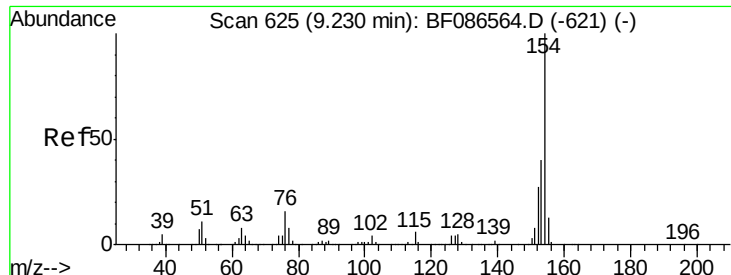
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#44
 2-Fluorobiphenyl
 Concen: 71.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:	172	Resp:	1213111
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.0	43.6
170	24.1	19.8	29.8





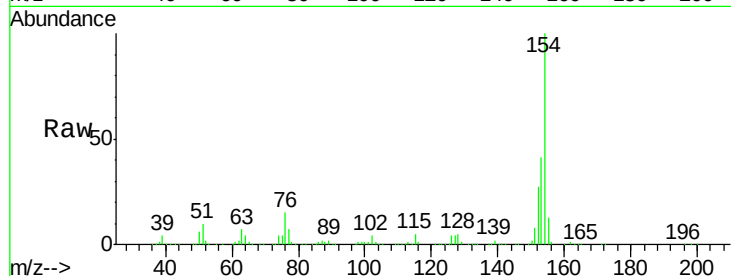
#45
 1,1'-Biphenyl
 Concen: 32.91 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

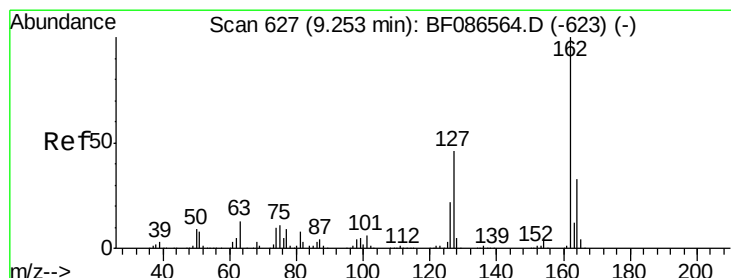
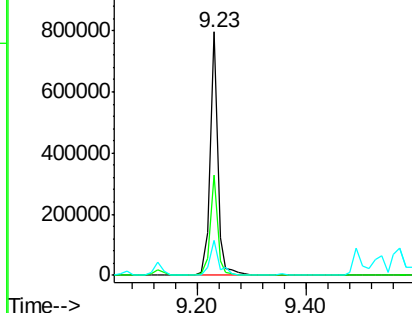
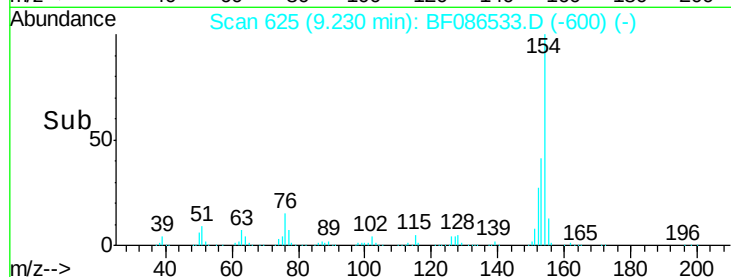
Tgt Ion:	154	Resp:	783950
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	14.6	0.0	30.2

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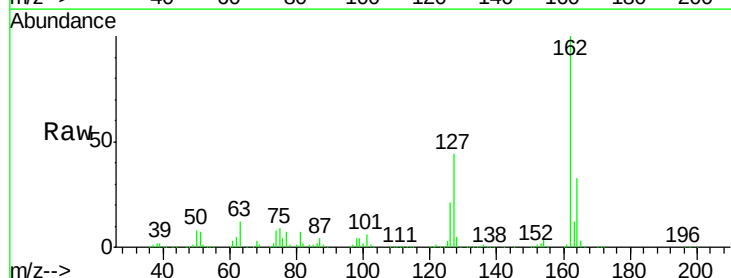


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

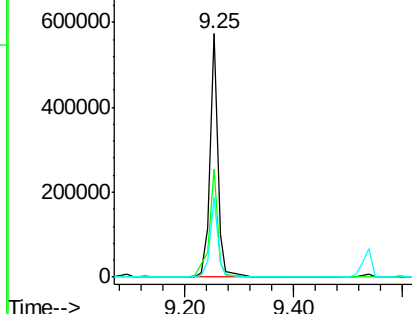
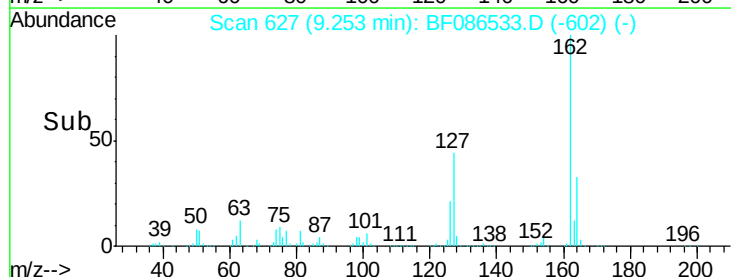


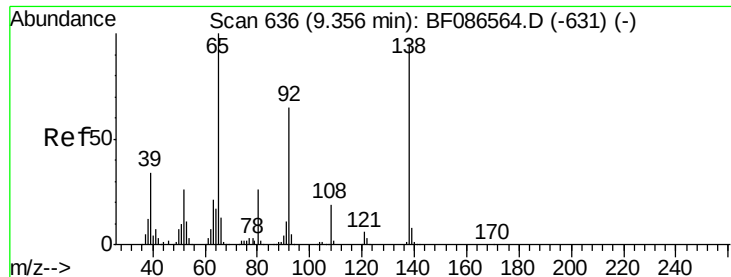
#46
 2-Chloronaphthalene
 Concen: 32.16 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:	162	Resp:	582449
Ion Ratio	Lower	Upper	
162	100		
127	44.1	31.8	47.6
164	32.8	27.0	40.6



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





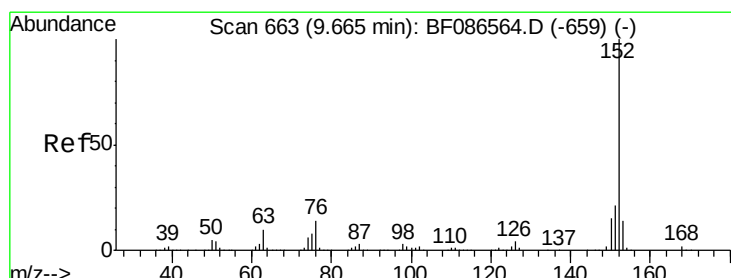
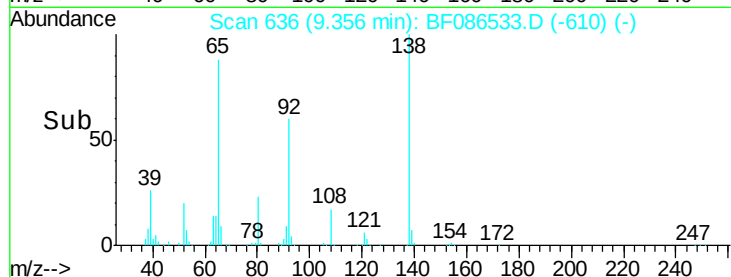
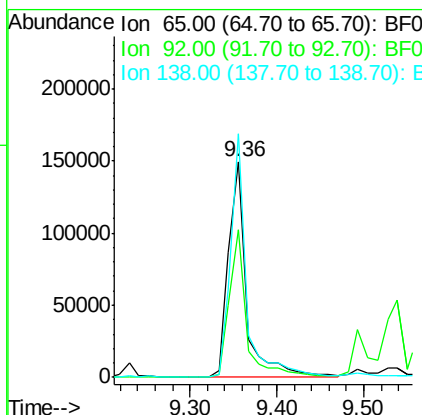
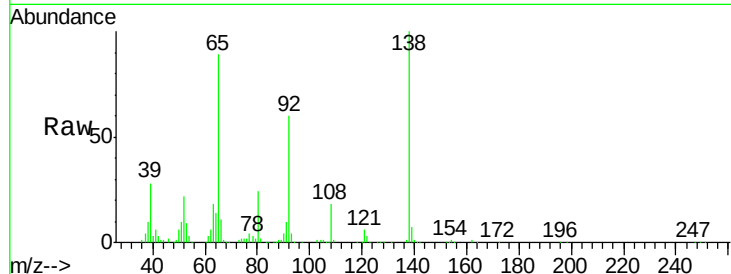
#47
2-Nitroaniline
Concen: 37.72 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	219060		
92	68.3	57.4	86.2	
138	113.0	90.1	135.1	

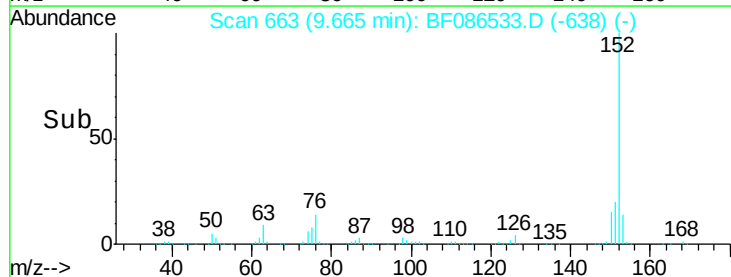
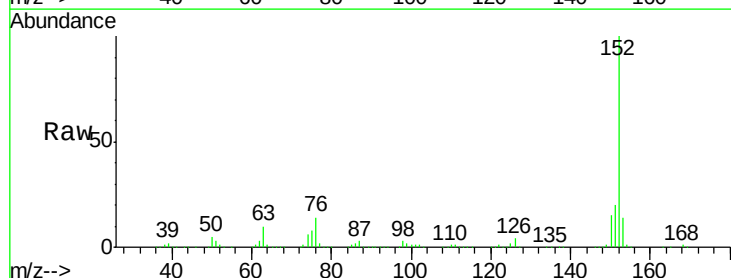
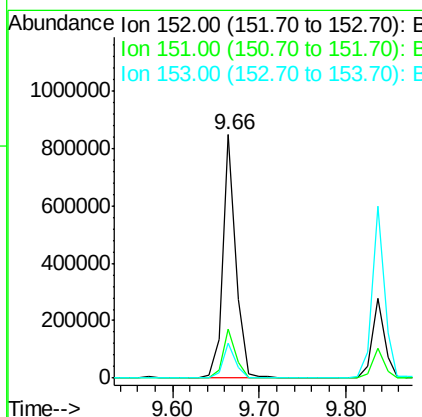
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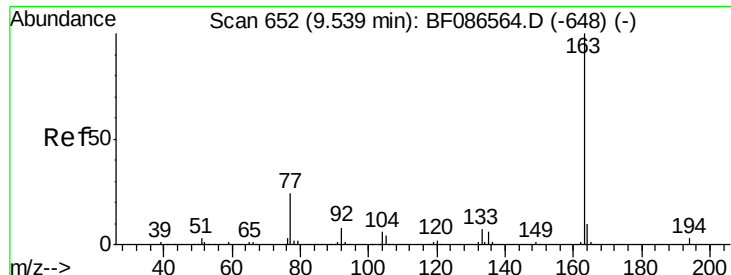
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#48
Acenaphthylene
Concen: 31.54 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	892781		
151	20.4	16.8	25.2	
153	14.2	10.9	16.3	





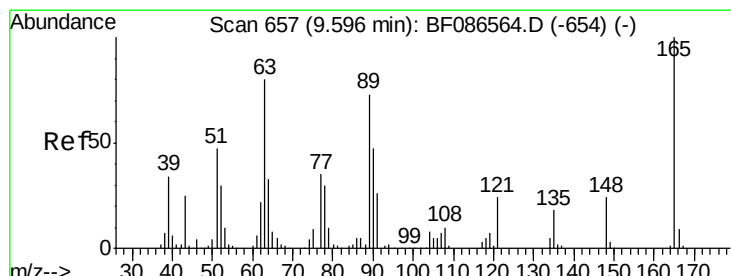
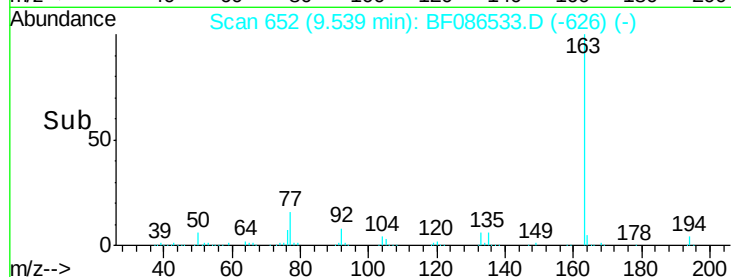
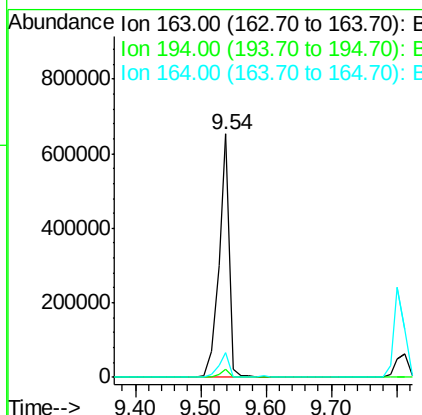
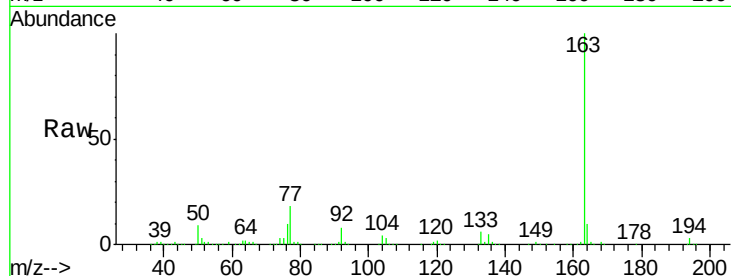
#49
Dimethylphthalate
Concen: 34.22 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.2	12.4

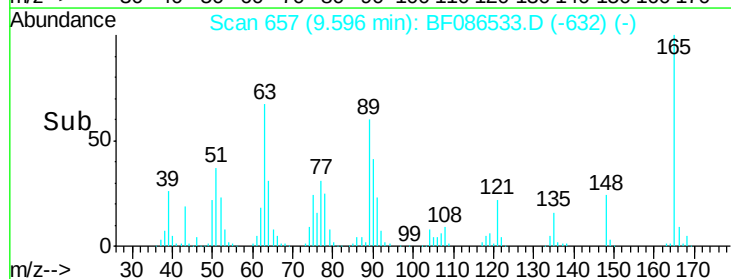
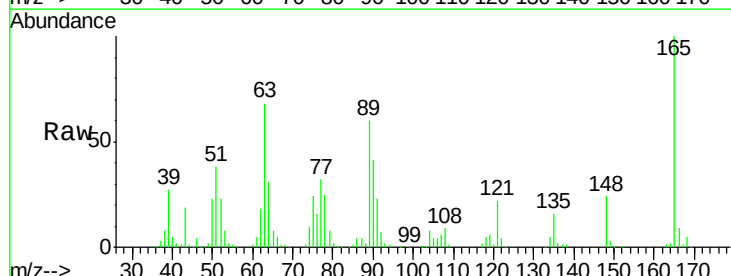
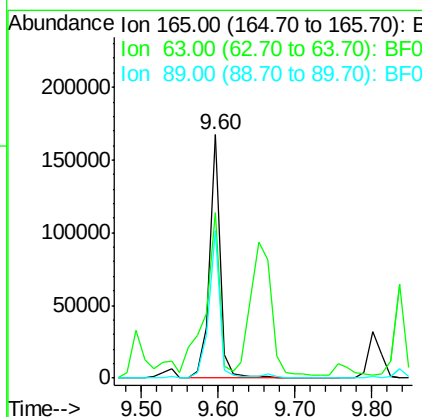
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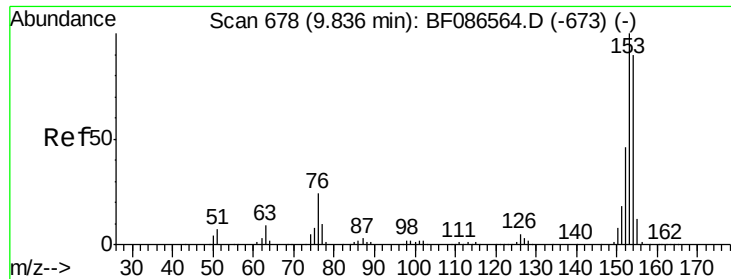
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#50
2,6-Dinitrotoluene
Concen: 36.19 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	67.9	51.8	77.8
89	60.4	50.7	76.1





#51

Acenaphthene

Concen: 34.84 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

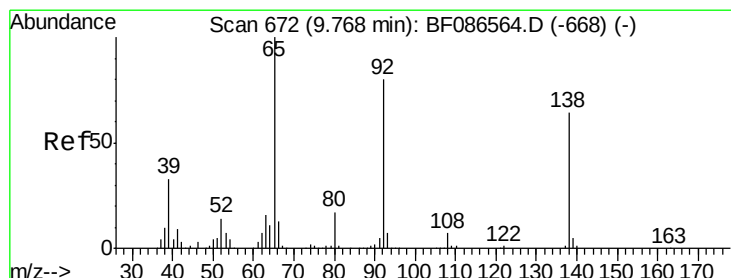
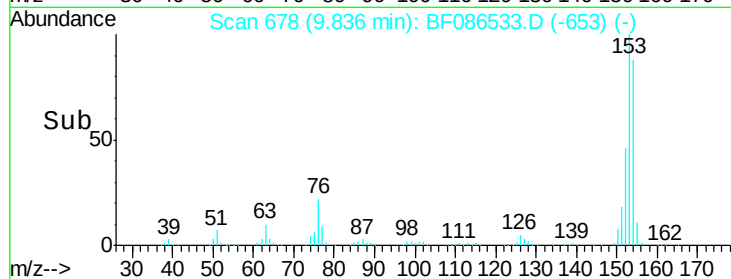
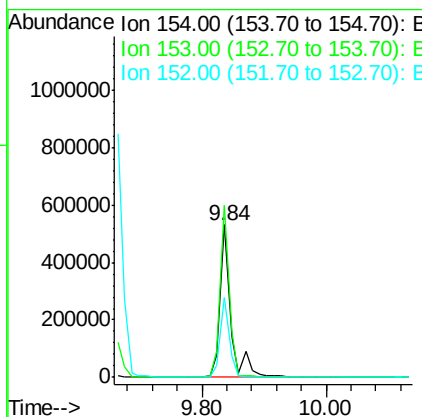
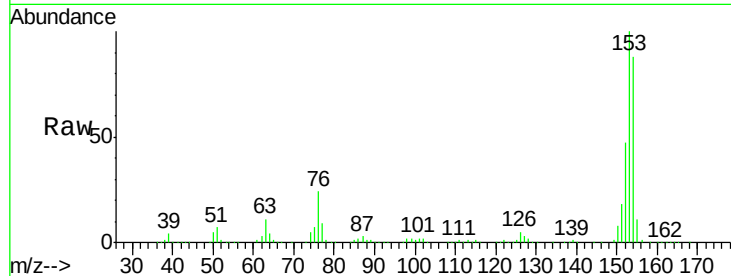
ClientSampleId :

PB90161BS

Tgt Ion:	154	Resp:	633445
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	52.7	43.4	65.0

Manual Integrations
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#52

3-Nitroaniline

Concen: 13.22 ng

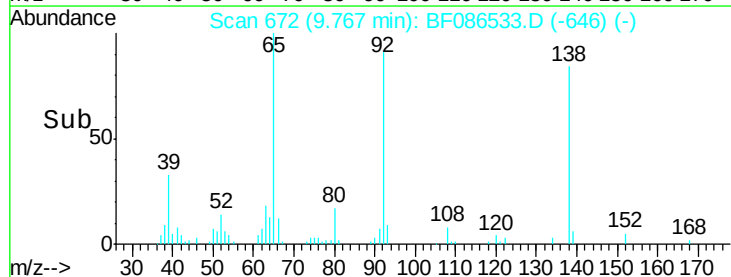
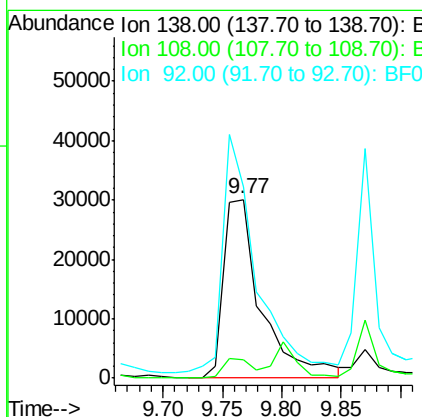
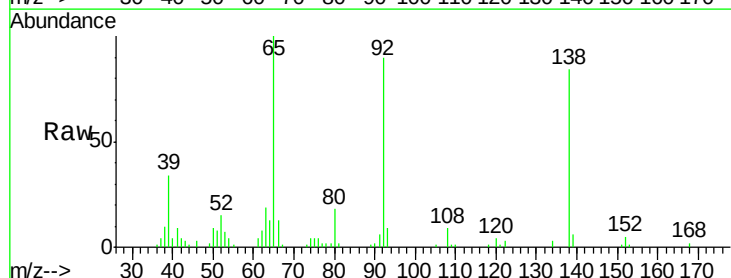
RT: 9.77 min Scan# 672

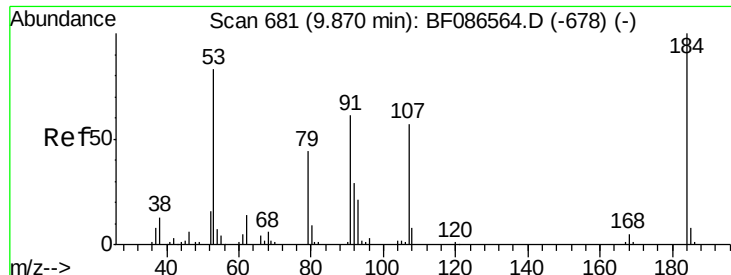
Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

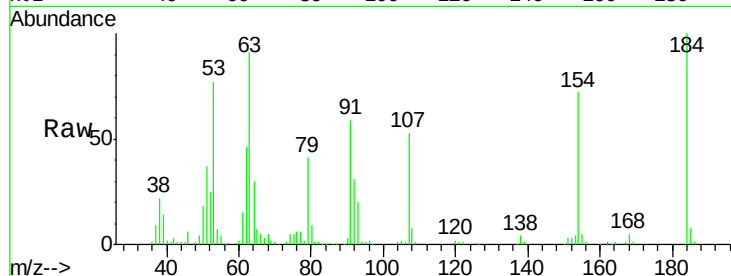
Tgt Ion:	138	Resp:	66626
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	107.2	87.8	131.8





#53
 2,4-Dinitrophenol
 Concen: 62.53 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

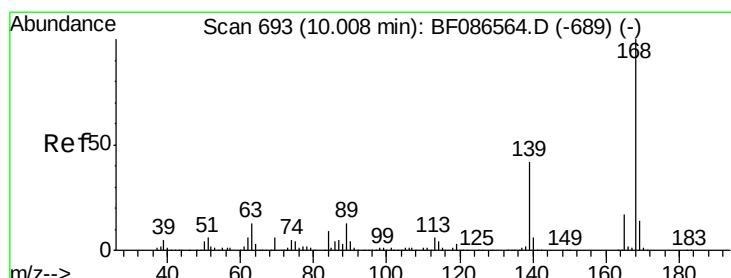
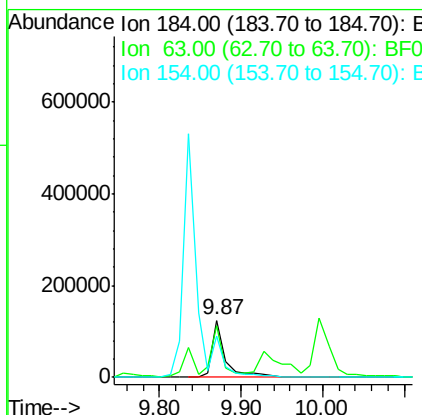
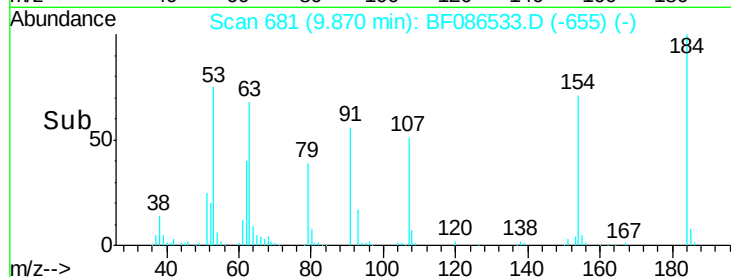
Instrument :
 BNA_F
 ClientSampleID :
 PB90161BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	146954		
63	91.4	55.8	83.8#	
154	71.7	62.4	93.6	

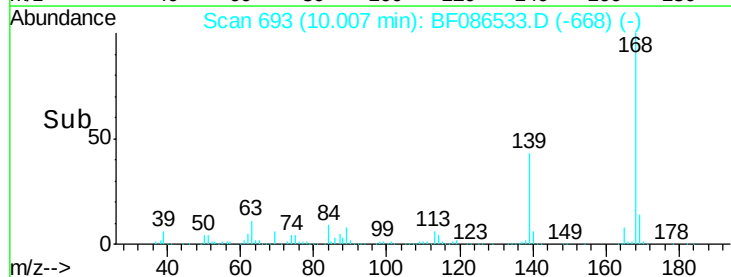
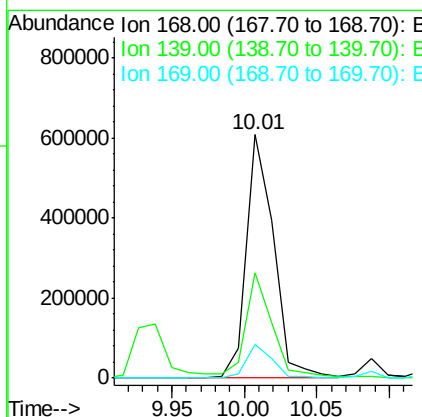
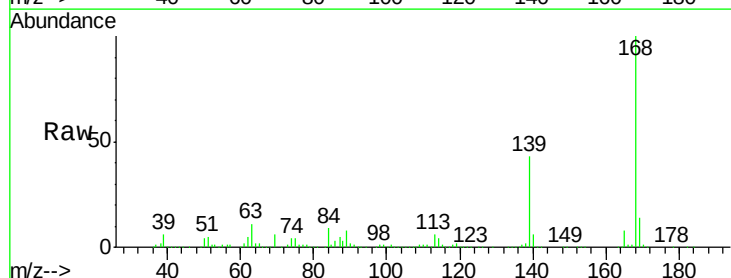
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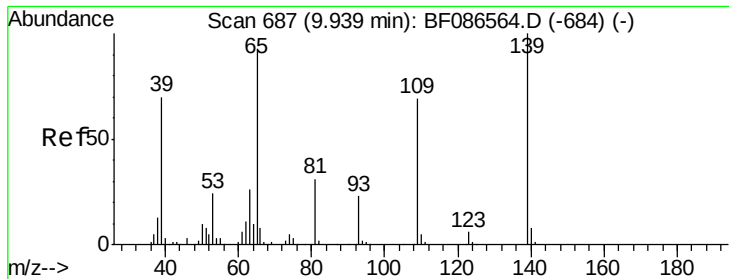
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#54
 Dibenzofuran
 Concen: 35.01 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	795546		
139	43.4	31.4	47.0	
169	13.9	10.7	16.1	





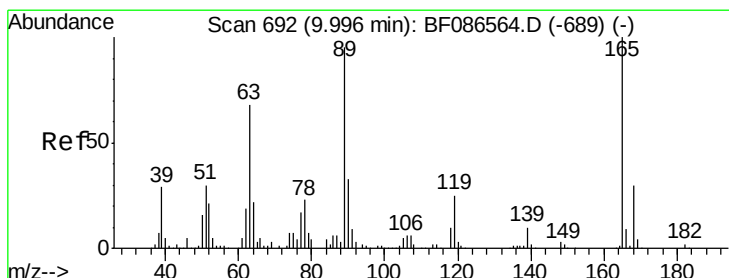
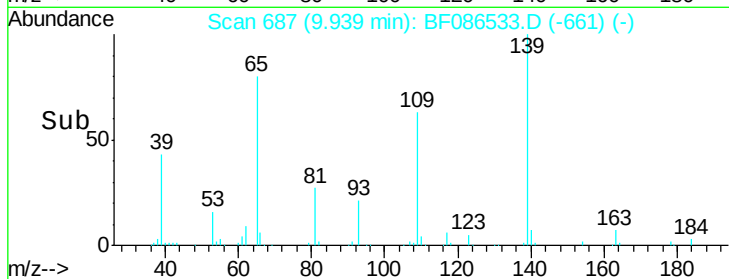
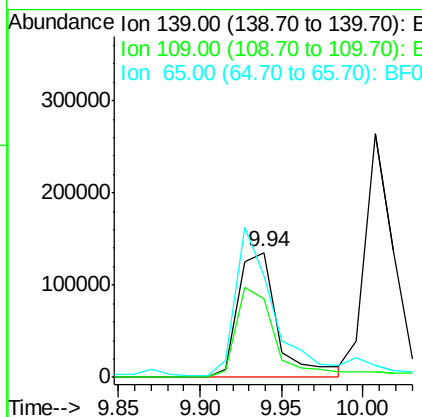
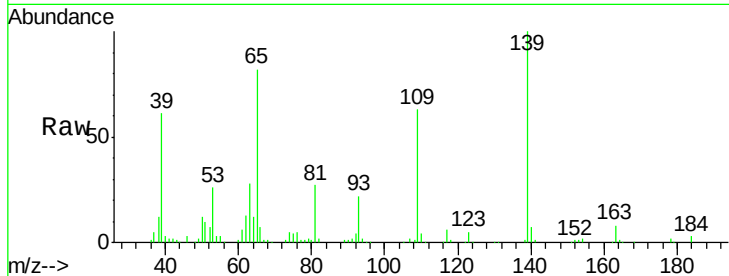
#55
4-Nitrophenol
Concen: 69.42 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	229124		
109	63.2	36.9	76.9	
65	81.6	64.0	104.0	

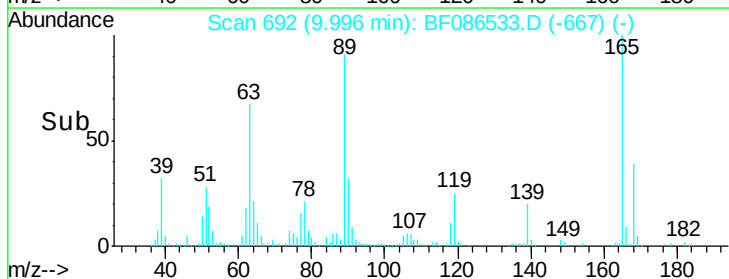
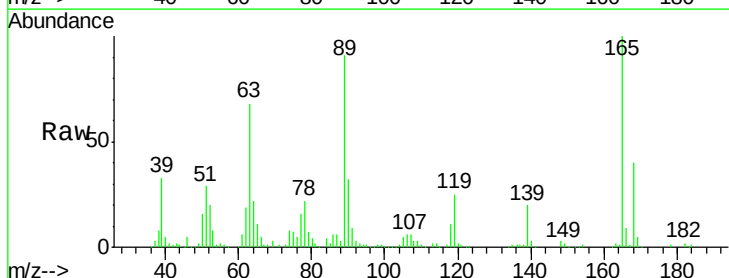
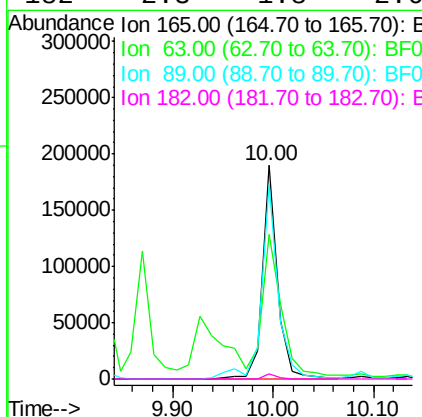
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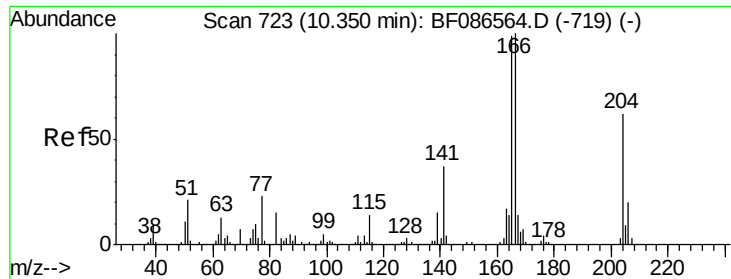
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#56
2,4-Dinitrotoluene
Concen: 34.92 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197301		
63	67.7	44.3	66.5#	
89	91.2	70.0	105.0	
182	2.3	1.8	2.6	





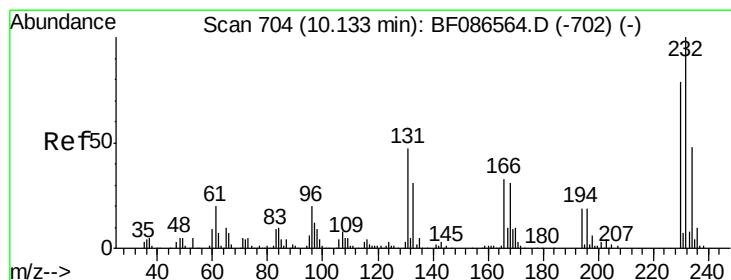
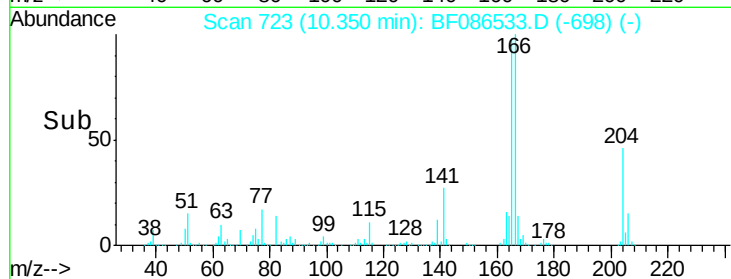
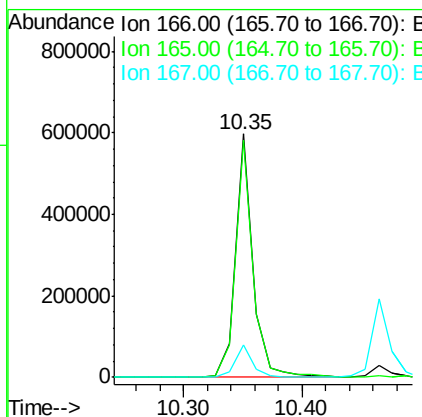
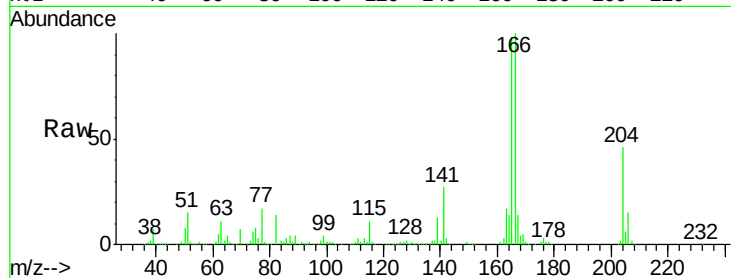
#57
 Fluorene
 Concen: 31.11 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	613821		
165	97.7	79.0	118.6	
167	13.6	10.6	15.8	

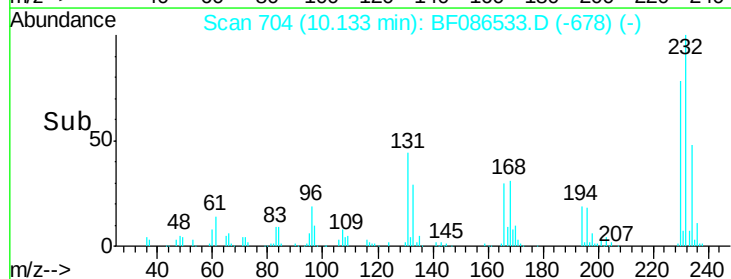
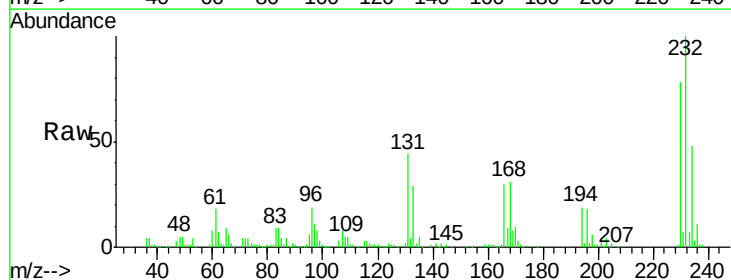
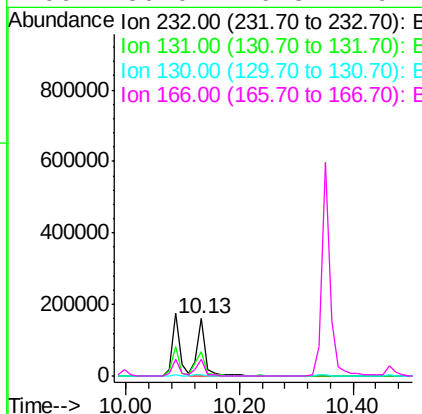
Manual Integrations
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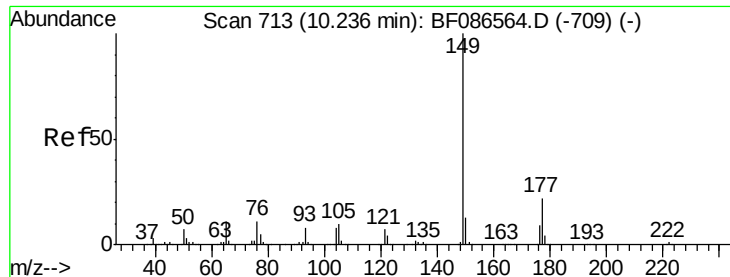
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.37 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	168591		
131	49.5	41.9	62.9	
130	2.4	2.2	3.4	
166	30.0	26.8	40.2	





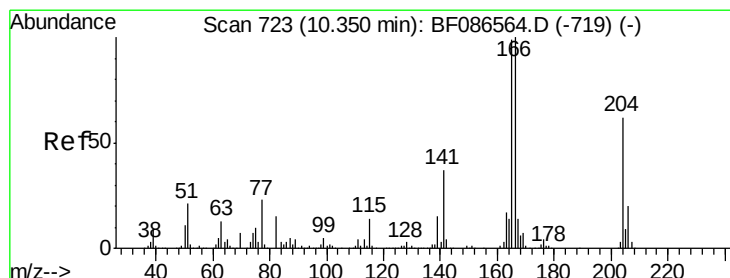
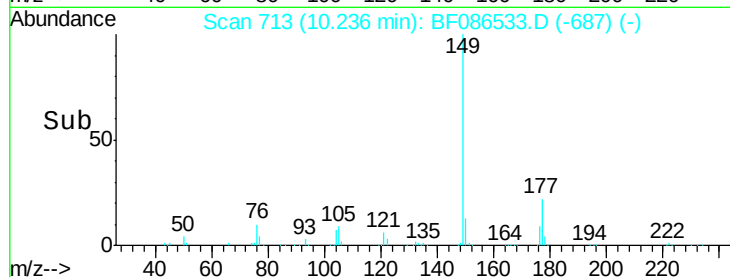
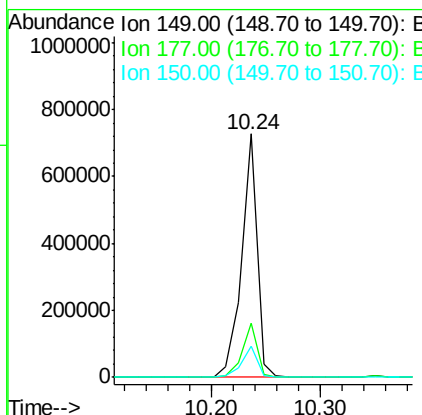
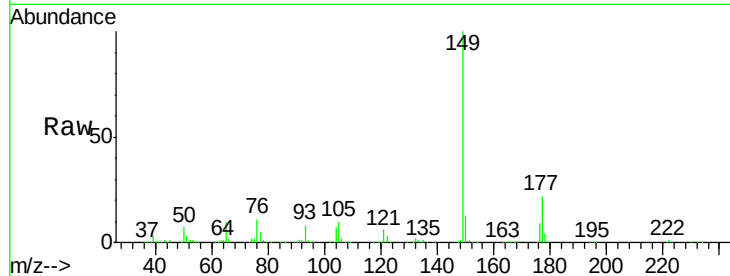
#59
Diethylphthalate
Concen: 35.07 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampled :
PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	712215		
177	22.2	16.6	24.8	
150	12.6	10.0	15.0	

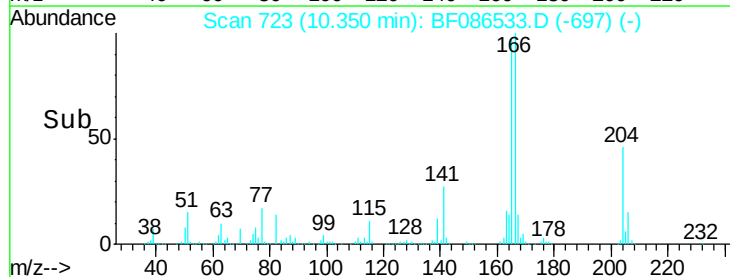
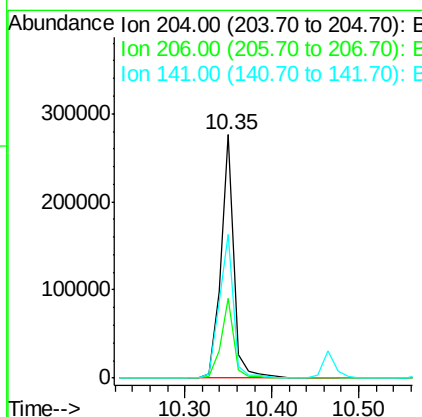
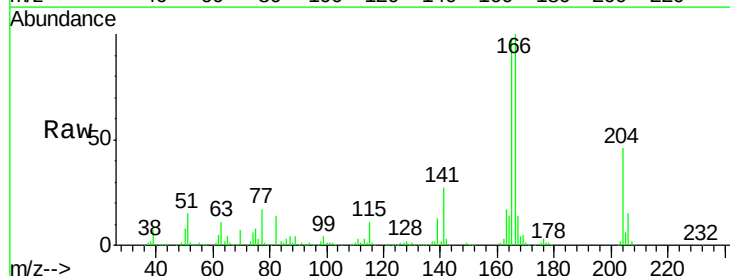
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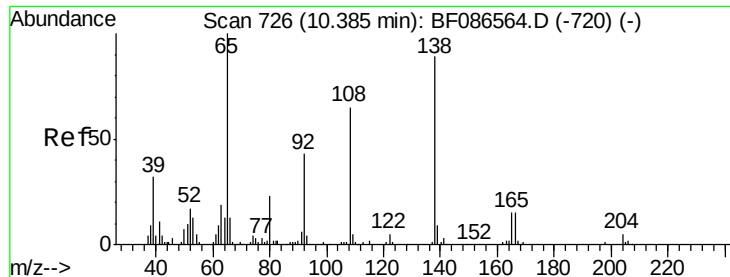
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#60
4-Chlorophenyl-phenylether
Concen: 32.61 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	292171		
206	33.0	25.4	38.0	
141	58.9	61.6	92.4#	





#61

4-Nitroaniline

Concen: 32.90 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086533.D

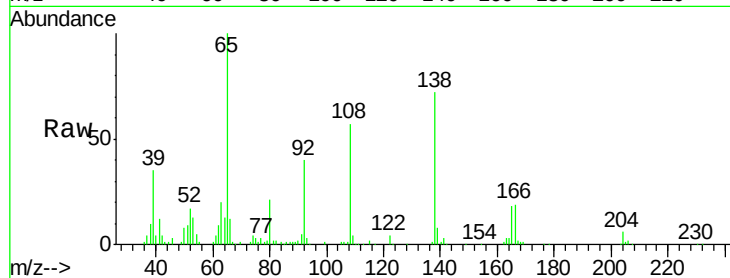
Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 138 Resp: 162115

Ion Ratio Lower Upper

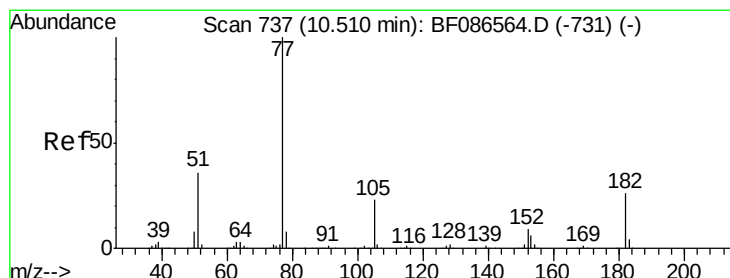
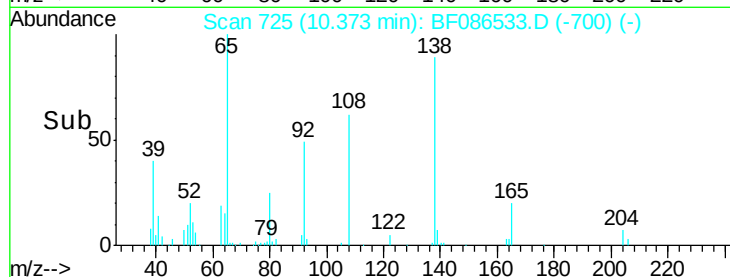
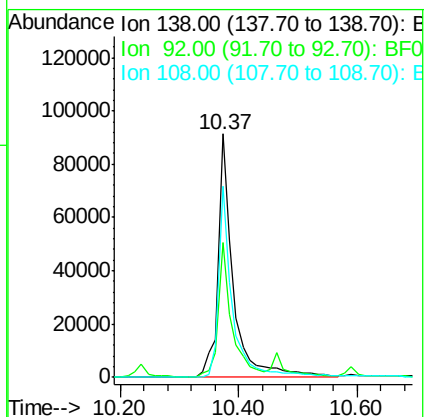
138 100

92 55.6 24.7 64.7

108 78.3 37.4 77.4

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#62

Azobenzene

Concen: 36.76 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion: 77 Resp: 817752

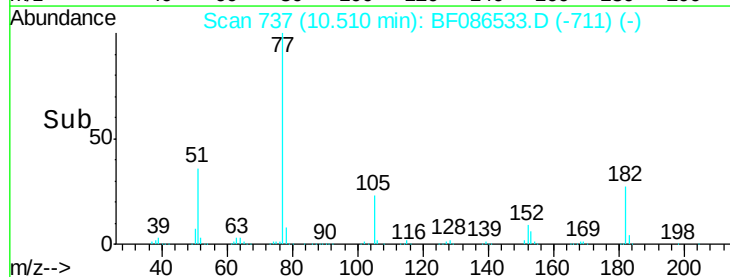
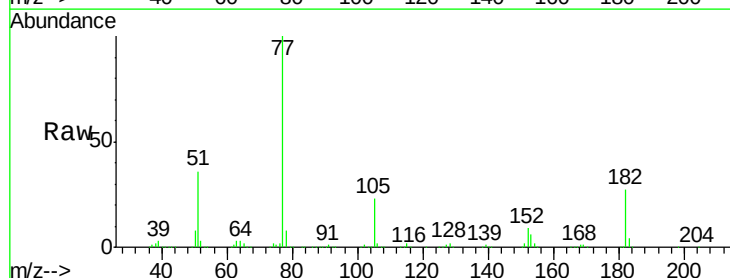
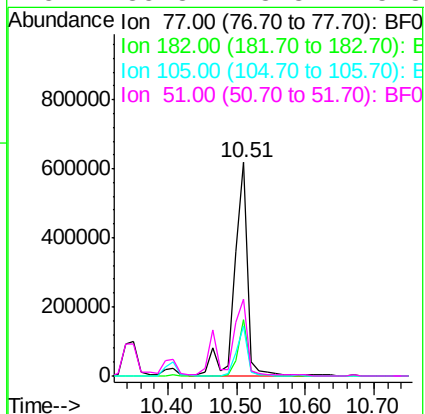
Ion Ratio Lower Upper

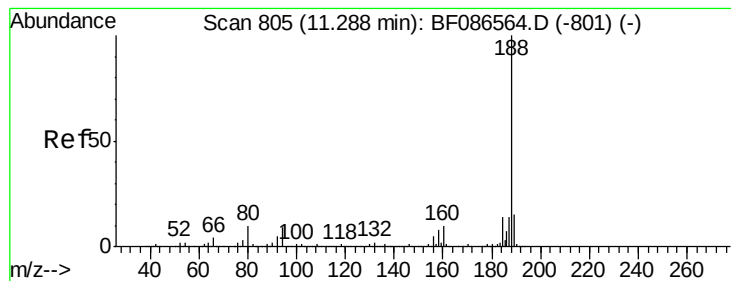
77 100

182 26.6 0.0 38.8

105 23.2 3.2 43.2

51 35.8 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

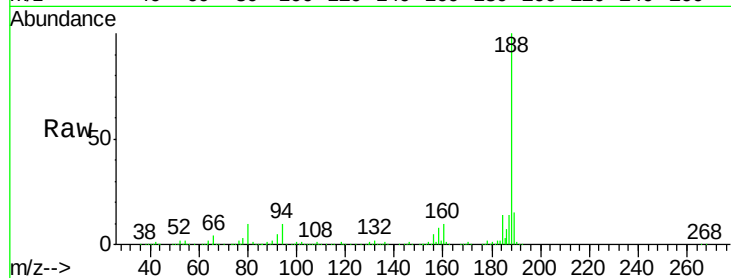
ClientSampleId :

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Tgt Ion:	188	Resp:	554543
Ion Ratio	Lower	Upper	
188	100		
94	9.7	6.8	10.2
80	10.1	7.1	10.7

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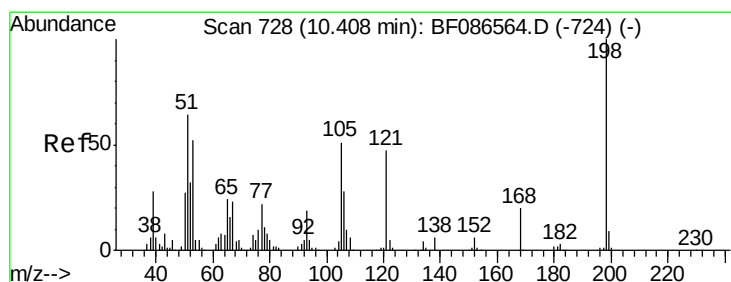
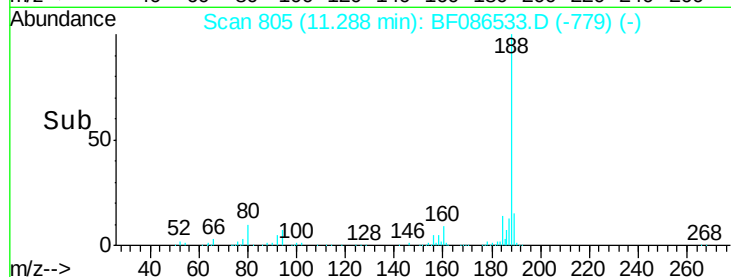
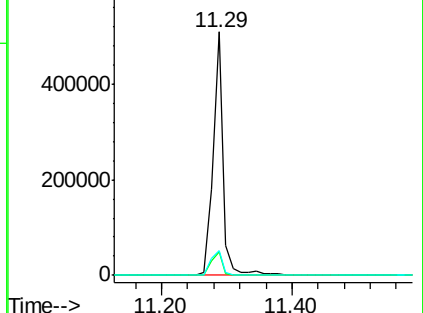
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.89 ng

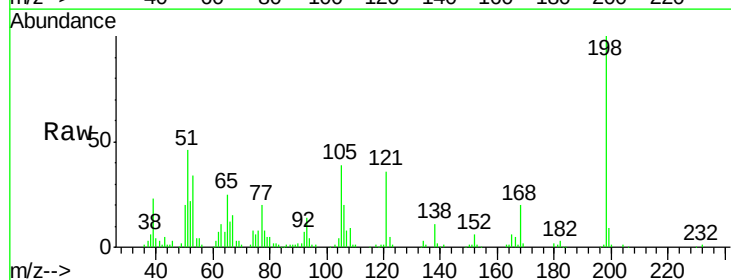
RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

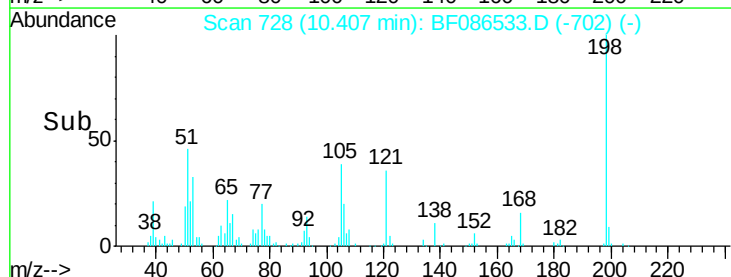
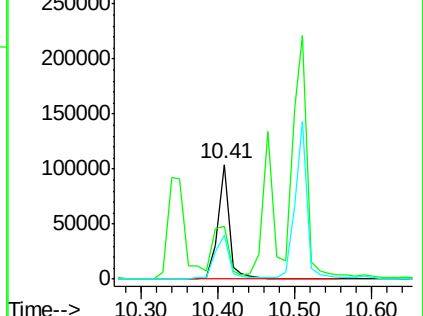
Tgt Ion:	198	Resp:	110333
Ion Ratio	Lower	Upper	
198	100		
51	46.3	20.5	60.5
105	38.7	24.5	64.5

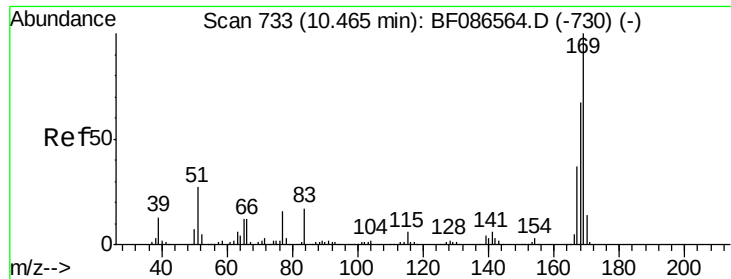


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





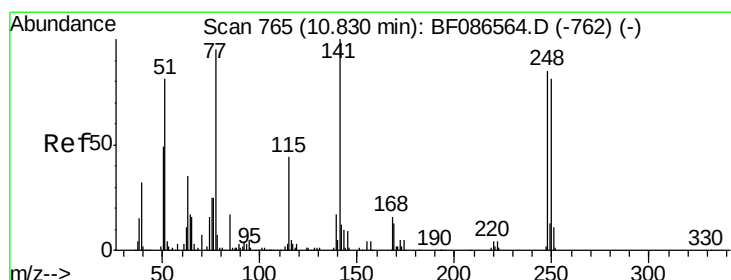
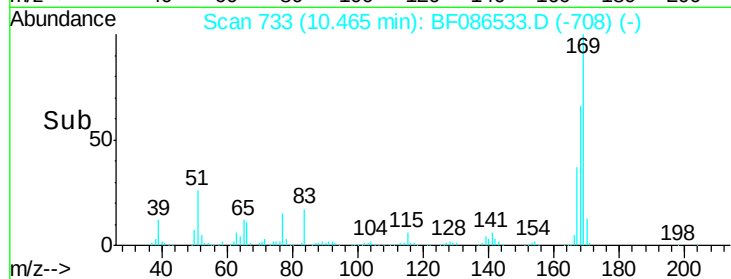
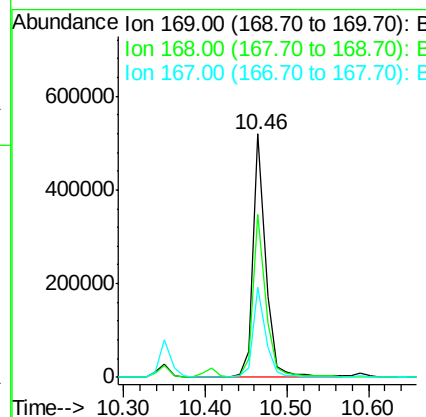
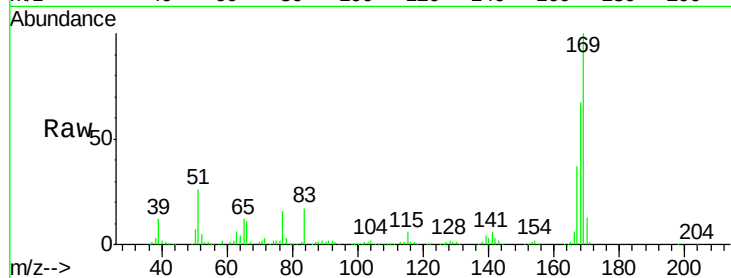
#65
n-Nitrosodiphenylamine
Concen: 32.09 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
169	100	556198		
168	66.8	53.8	80.6	
167	37.1	29.5	44.3	

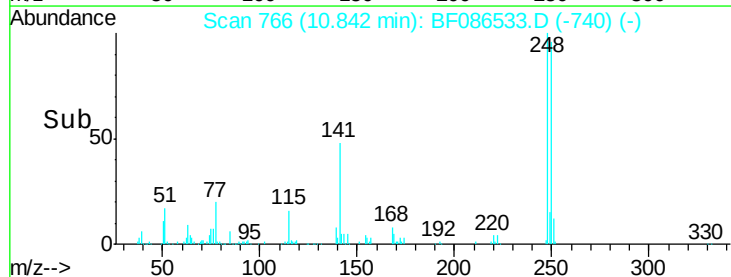
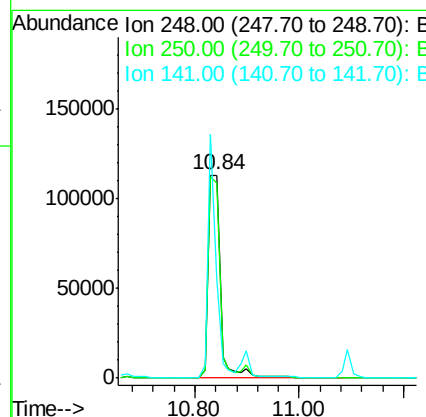
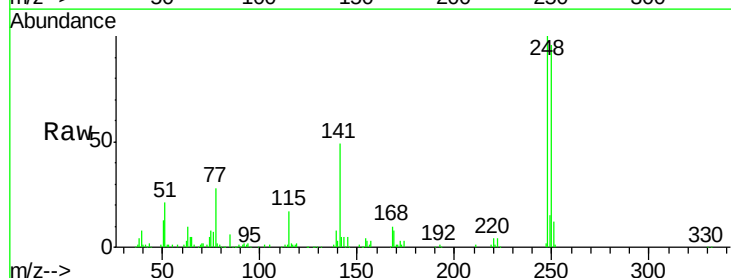
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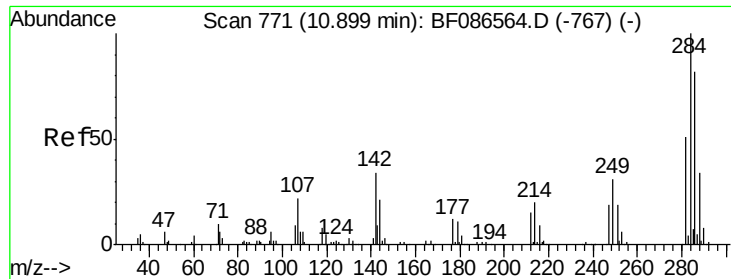
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#66
4-Bromophenyl-phenylether
Concen: 32.37 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	184967		
250	96.0	78.6	117.8	
141	48.8	76.0	114.0	





#67

Hexachlorobenzene

Concen: 31.82 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF086533.D

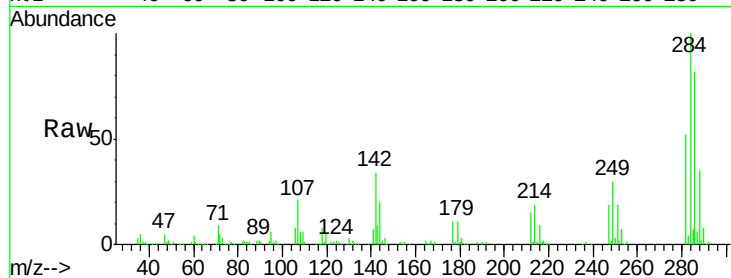
Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

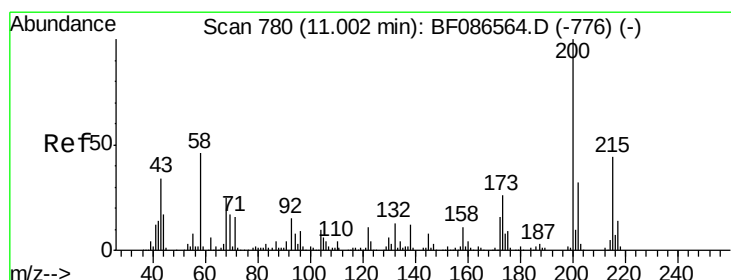
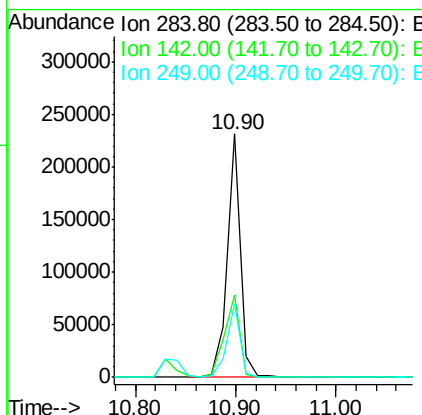
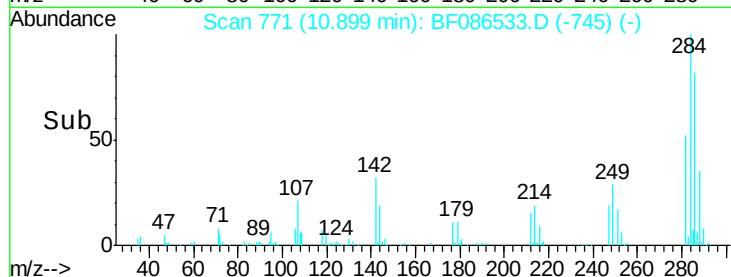
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Tgt Ion:	284	Resp:	210454
Ion Ratio	Lower	Upper	
284	100		
142	33.9	16.7	25.1#
249	30.0	21.3	31.9

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#68

Atrazine

Concen: 36.12 ng

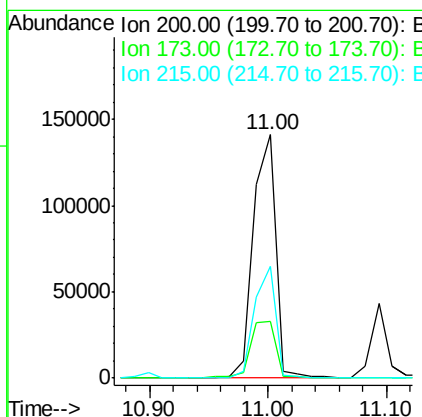
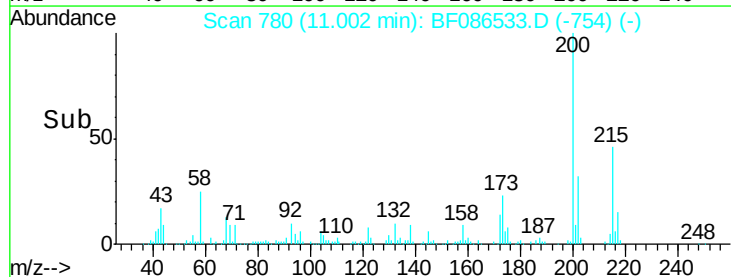
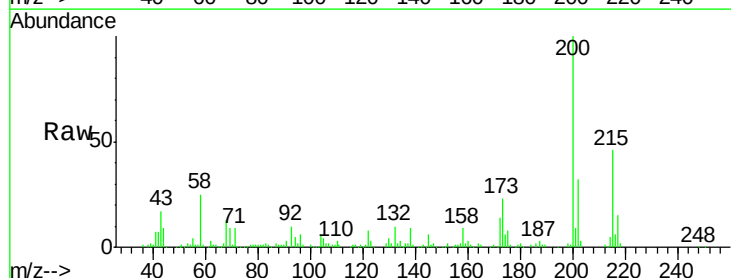
RT: 11.00 min Scan# 780

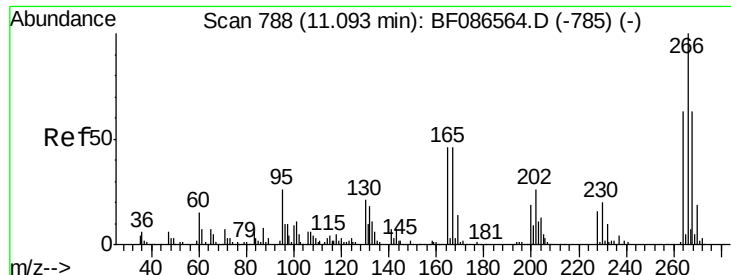
Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	200	Resp:	187980
Ion Ratio	Lower	Upper	
200	100		
173	23.5	8.5	48.5
215	45.9	27.2	67.2





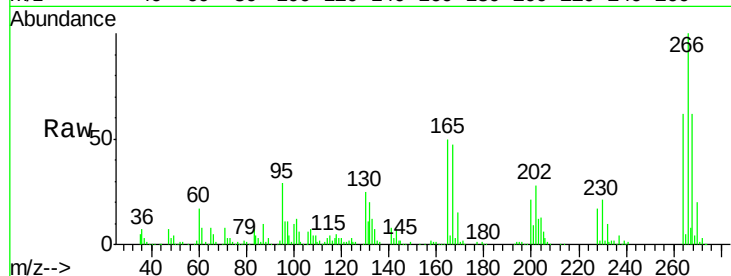
#69
 Pentachlorophenol
 Concen: 61.16 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

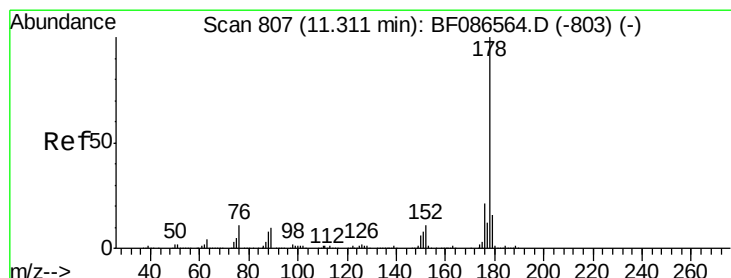
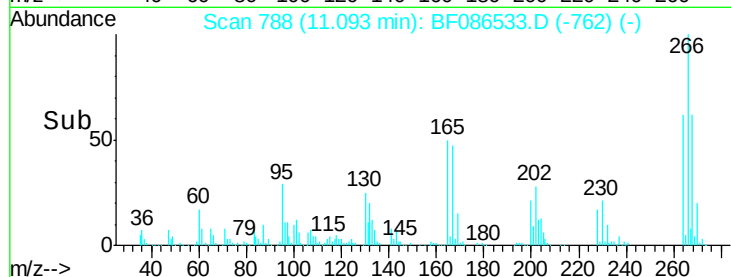
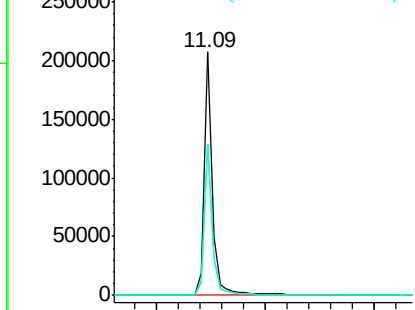
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	213294		
268	62.3	51.5	77.3	
264	62.3	52.9	79.3	

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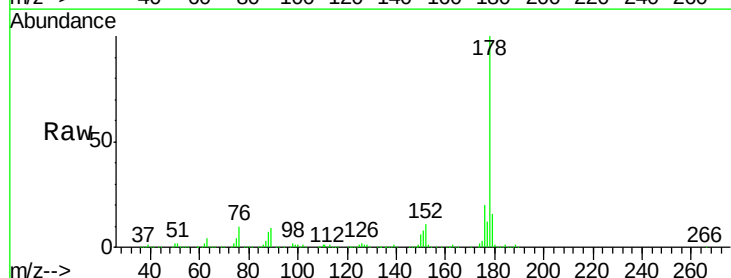


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

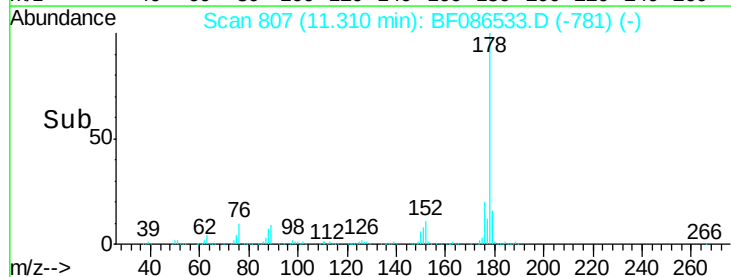
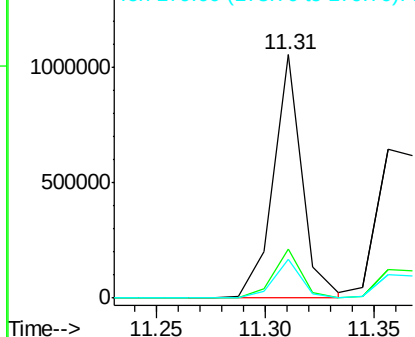


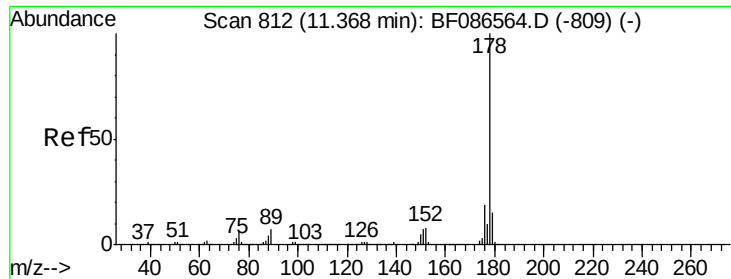
#70
 Phenanthrene
 Concen: 33.56 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	976735		
176	20.3	16.0	24.0	
179	15.8	12.6	18.8	



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: 33.30 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:178 Resp: 1034344

Ion Ratio Lower Upper

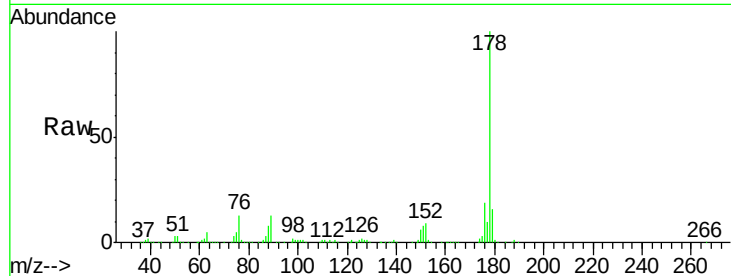
178 100

176 19.4 15.6 23.4

179 15.9 12.7 19.1

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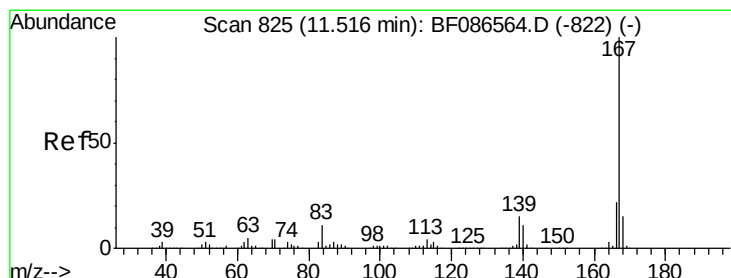
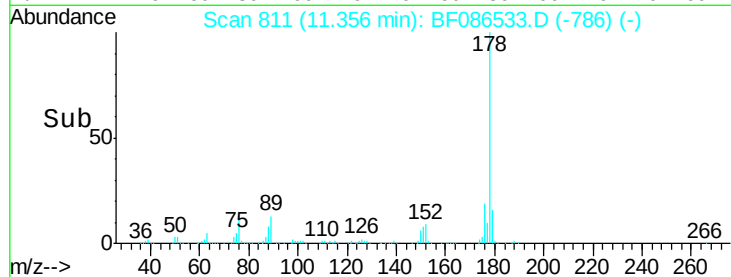
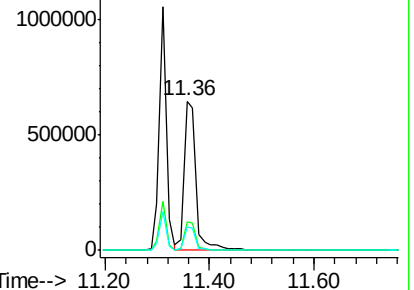
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.64 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

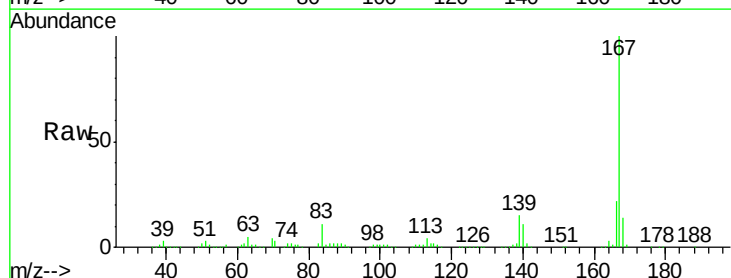
Tgt Ion:167 Resp: 925963

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

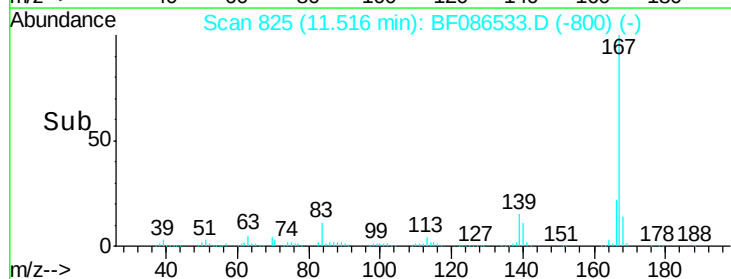
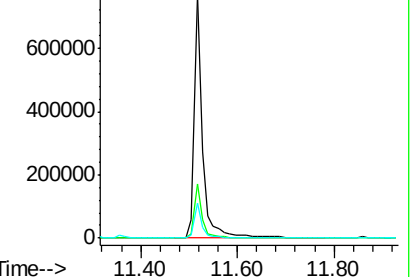
139 14.6 10.8 16.2

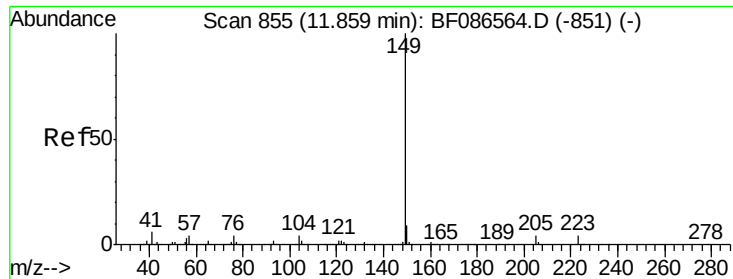


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.48 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

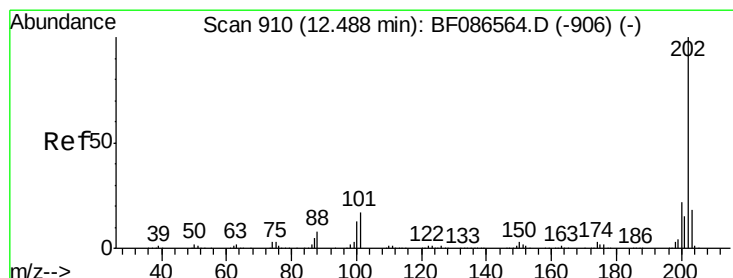
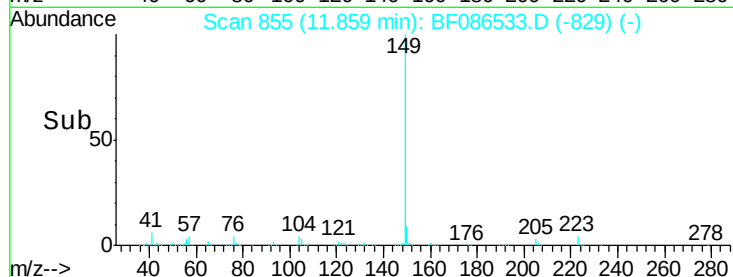
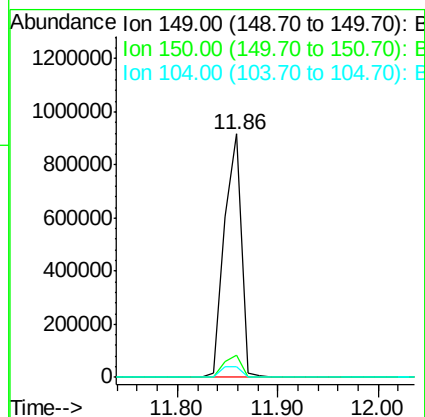
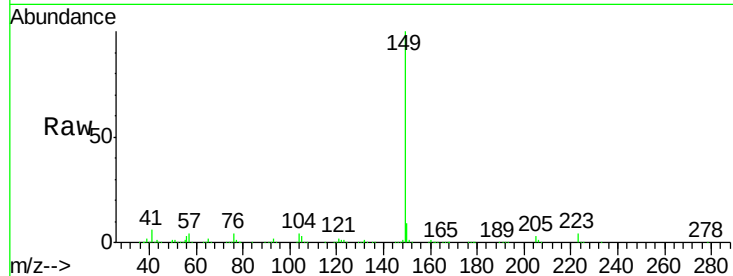
ClientSampleId :

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Tgt Ion:	149	Resp:	1075364
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	4.3	3.8	5.6



#74

Fluoranthene

Concen: 34.21 ng

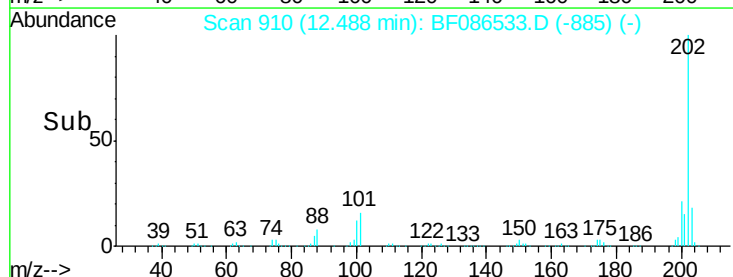
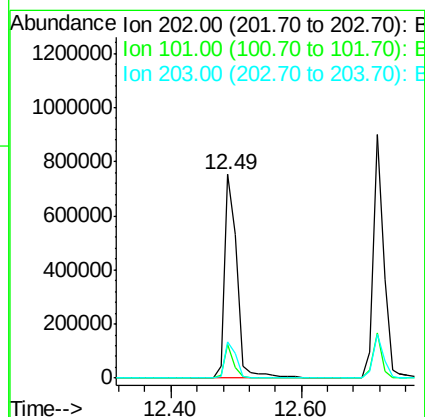
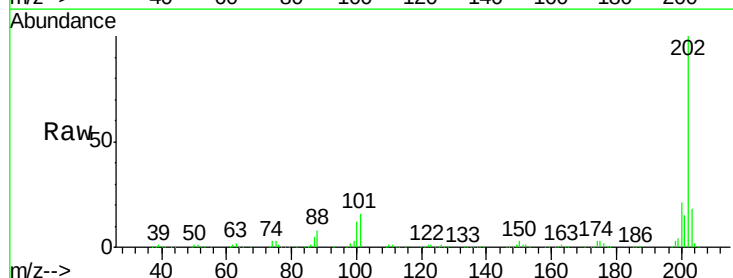
RT: 12.49 min Scan# 910

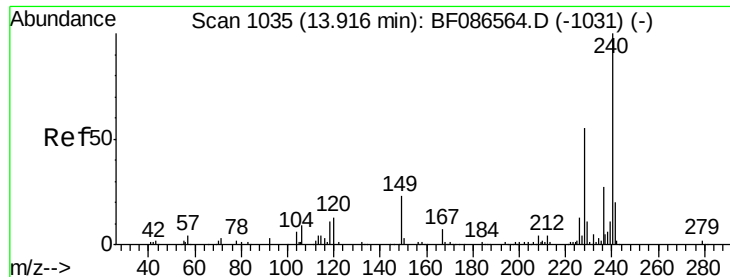
Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	202	Resp:	1004824
Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

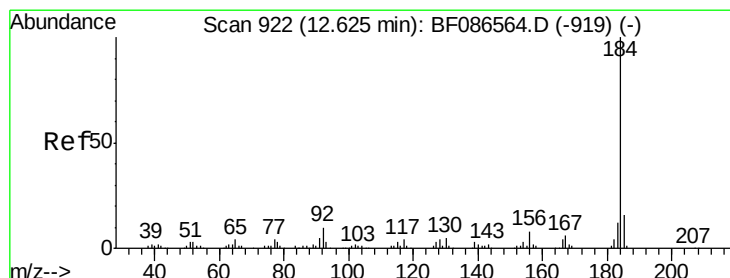
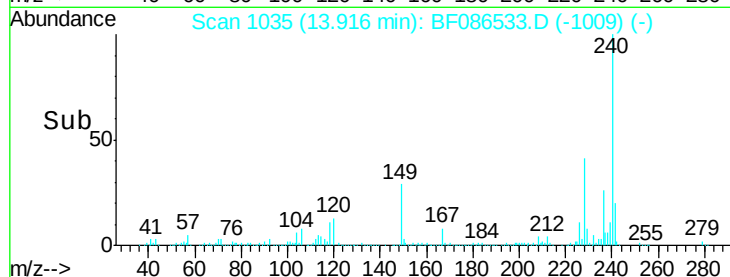
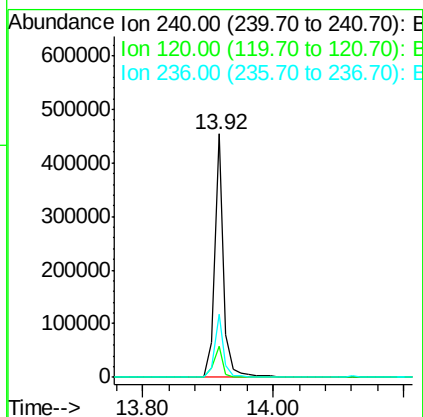
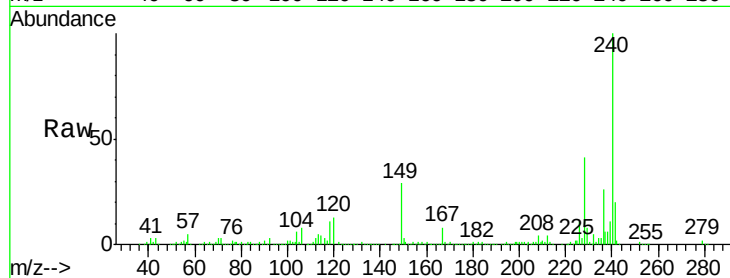
ClientSampleId :

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Tgt Ion:	240	Resp:	444108
Ion Ratio	Lower	Upper	
240	100		
120	12.6	11.2	16.8
236	26.0	21.2	31.8

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#76

Benzidine

Concen: 17.08 ng

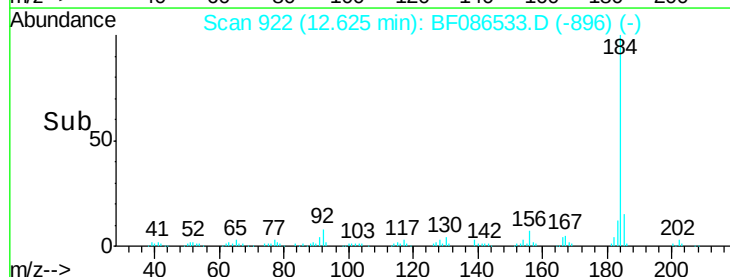
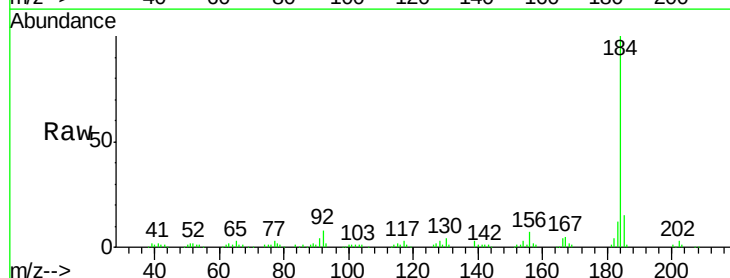
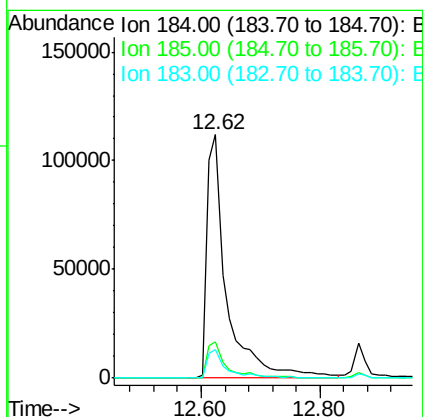
RT: 12.62 min Scan# 922

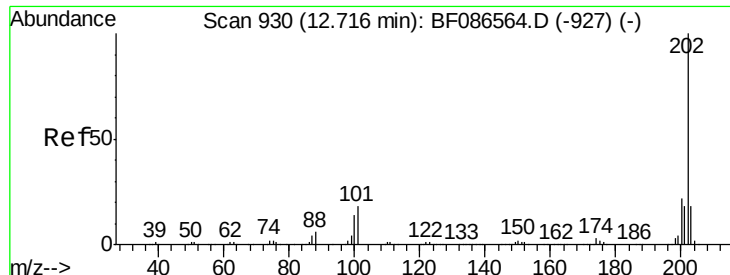
Delta R.T. -0.00 min

Lab File: BF086533.D

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Tgt Ion:	184	Resp:	260679
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.6	20.4
183	11.7	9.8	14.6





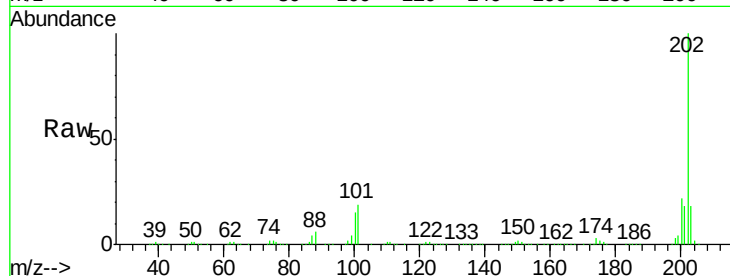
#77
 Pyrene
 Concen: 30.77 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

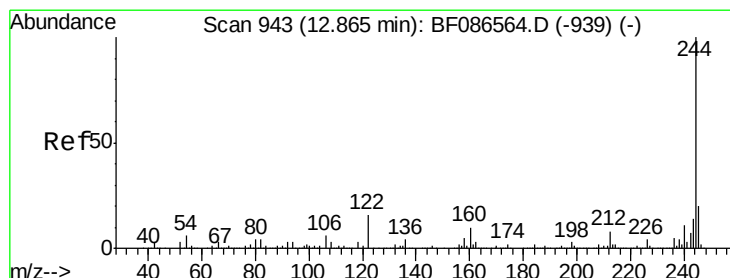
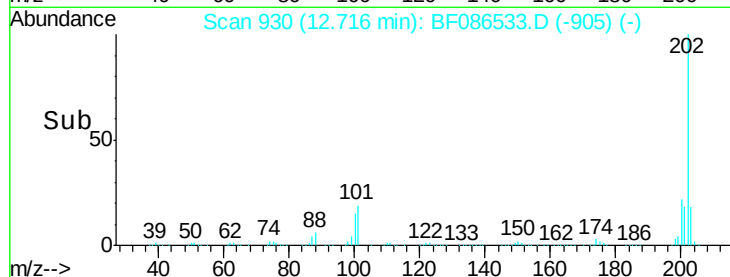
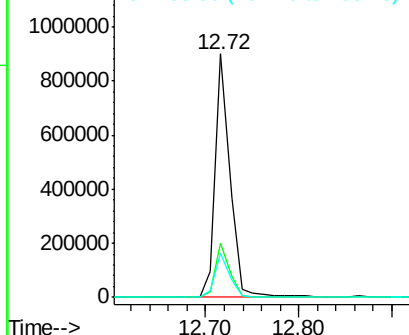
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	984700		
200	22.0	17.7	26.5	
203	18.2	14.2	21.4	

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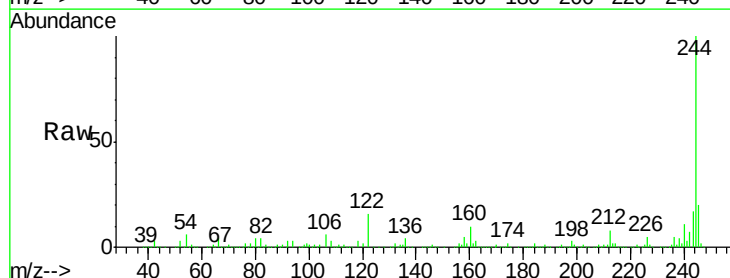


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

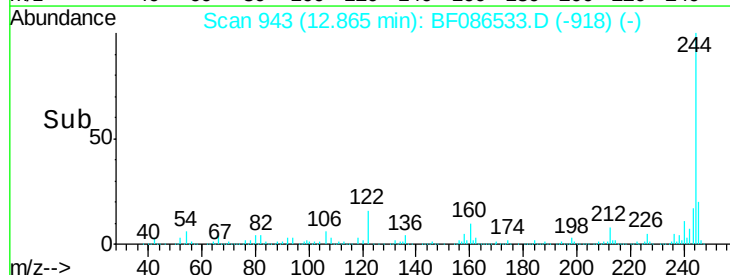
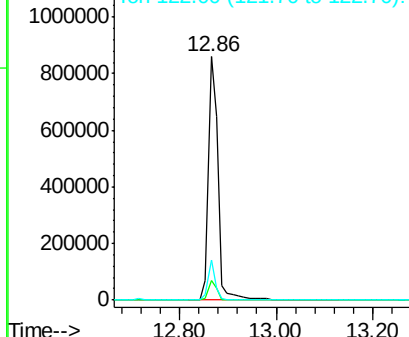


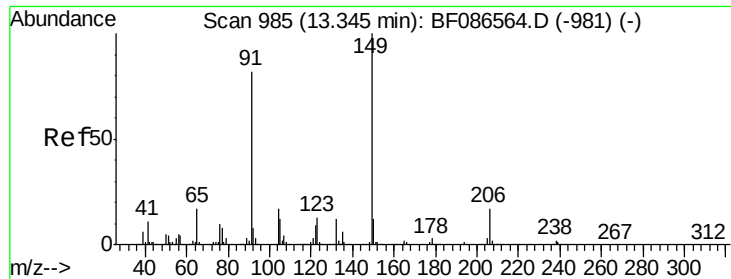
#78
 Terphenyl-d14
 Concen: 59.16 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1192475		
212	8.2	6.2	9.2	
122	16.3	12.0	18.0	



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





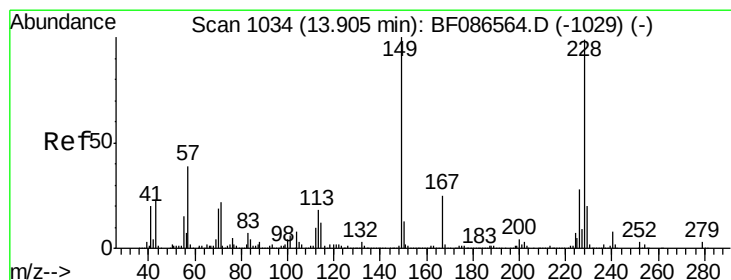
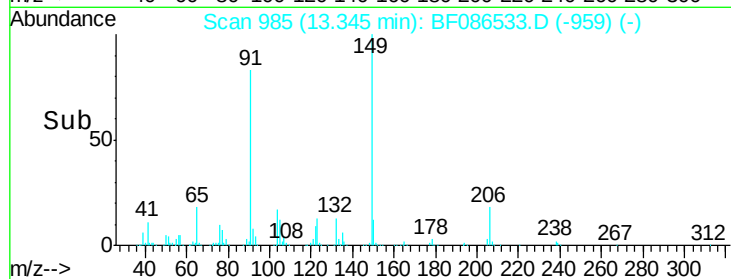
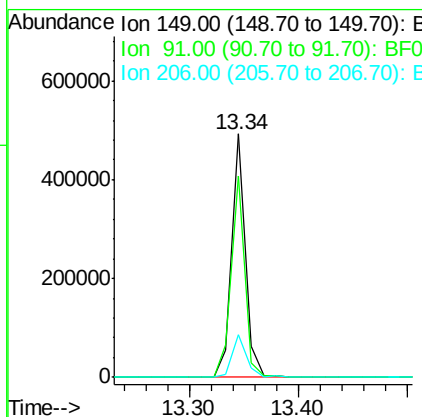
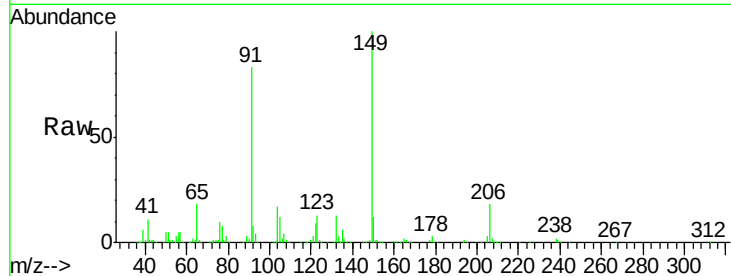
#79
Butylbenzylphthalate
Concen: 30.98 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	429387		
91	82.9	48.0	72.0#	
206	17.5	15.8	23.6	

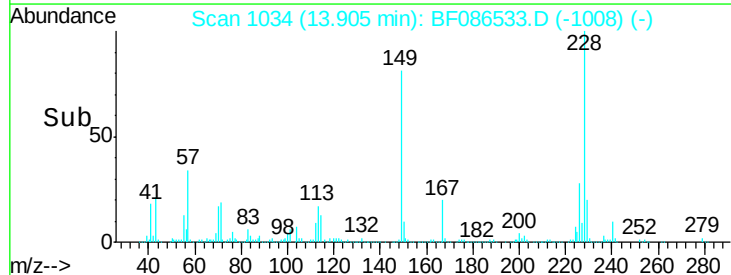
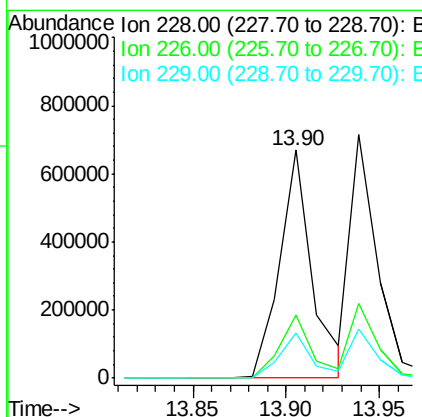
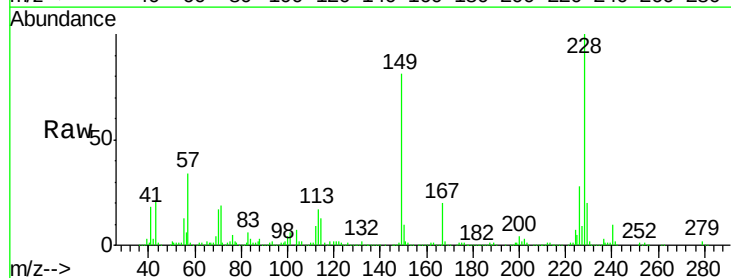
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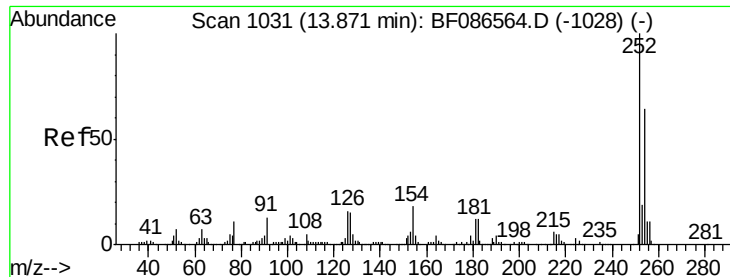
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#80
Benzo(a)anthracene
Concen: 34.20 ng
RT: 13.90 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	809865		
226	27.6	22.5	33.7	
229	19.9	16.6	25.0	





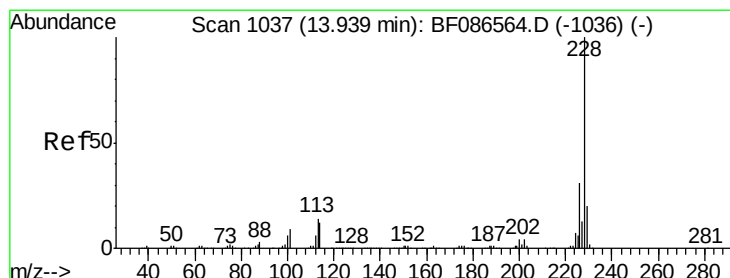
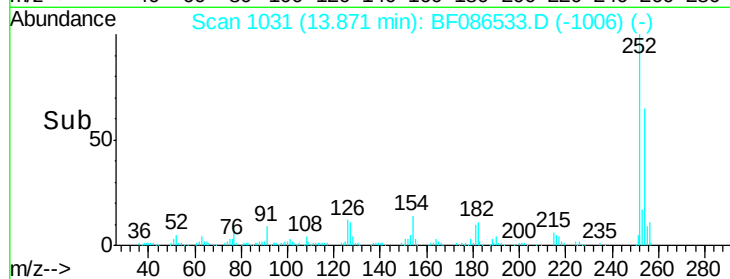
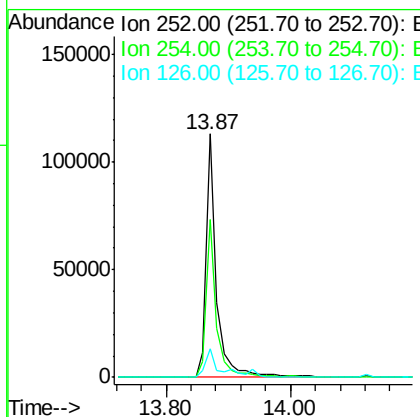
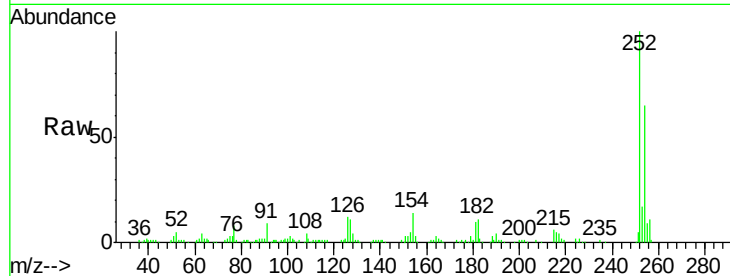
#81
 3,3'-Dichlorobenzidine
 Concen: 8.34 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	131995		
254	64.7	50.7	76.1	
126	11.9	12.7	19.1	

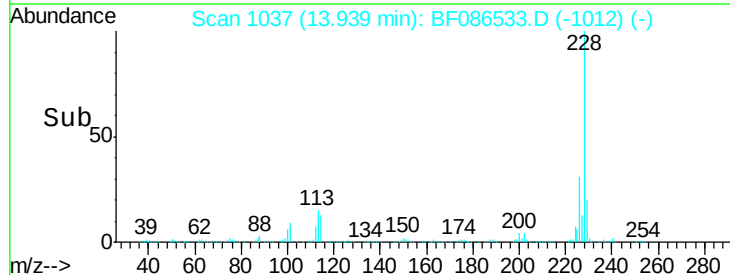
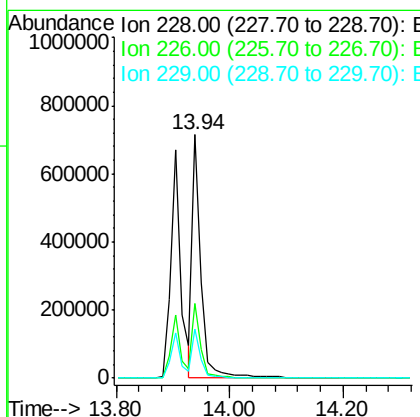
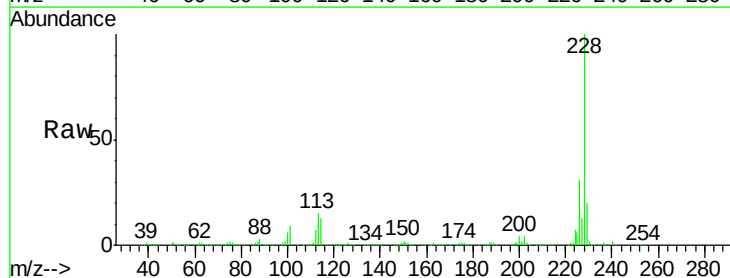
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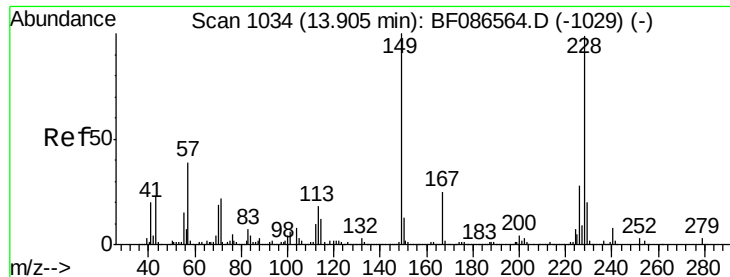
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#82
 Chrysene
 Concen: 30.25 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	778627		
226	30.8	24.4	36.6	
229	20.3	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.34 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF086533.D

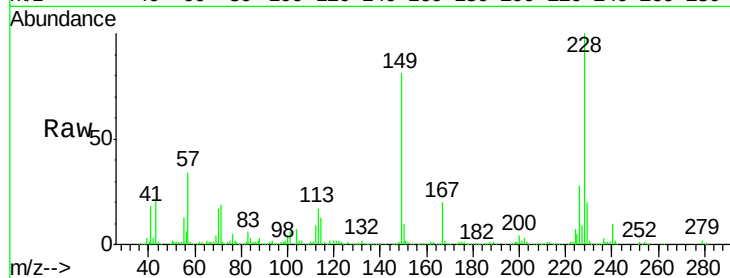
Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:149 Resp: 504724

Ion Ratio Lower Upper

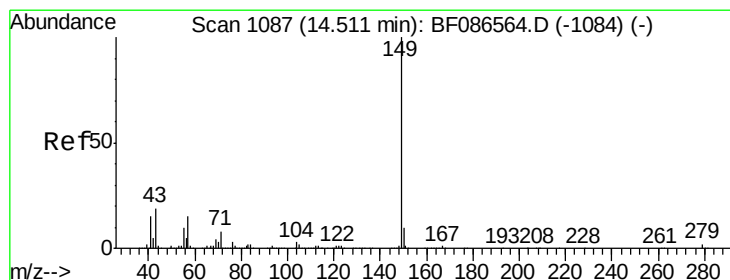
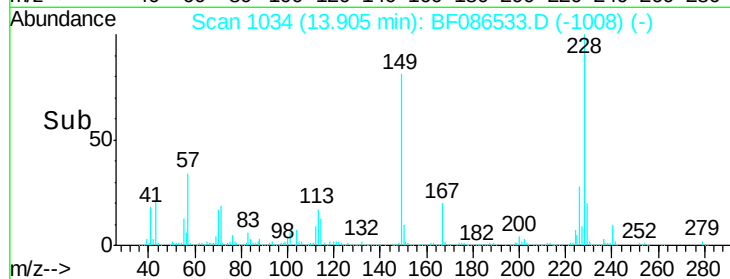
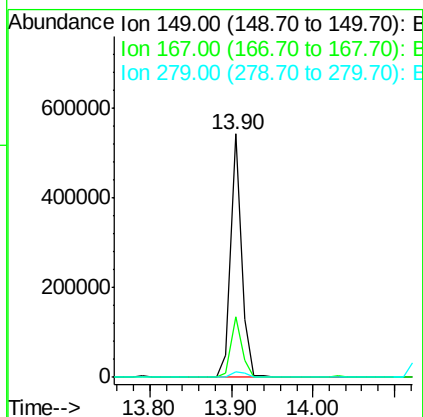
149 100

167 24.7 21.8 32.6

279 2.4 2.6 4.0#

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#84

Di-n-octyl phthalate

Concen: 30.53 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

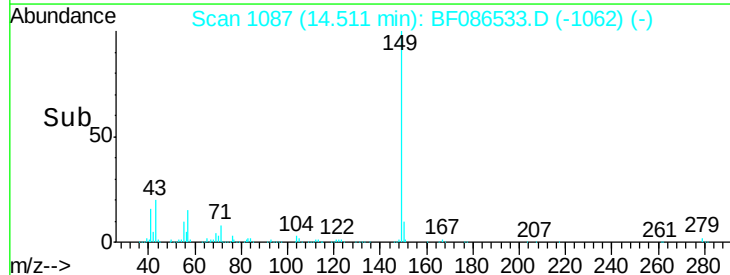
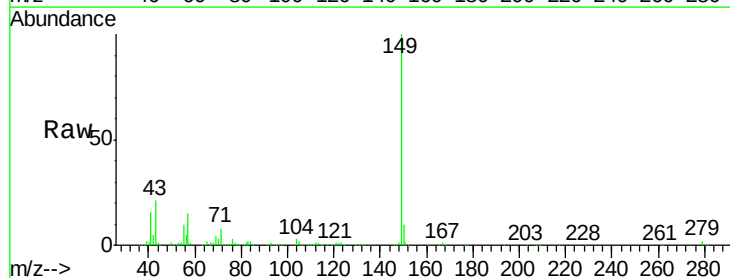
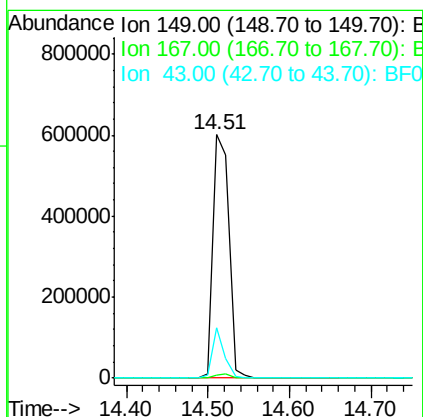
Tgt Ion:149 Resp: 822407

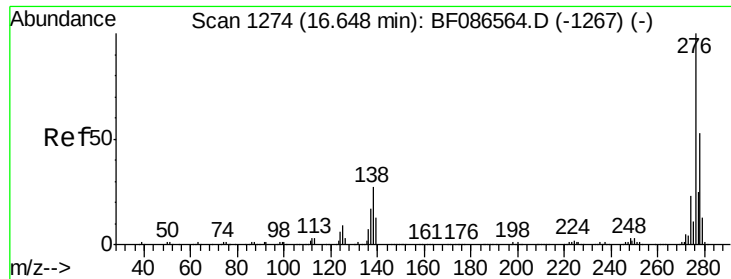
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 15.0 8.2 12.4#





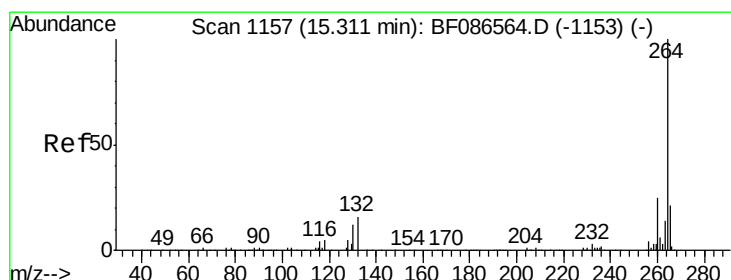
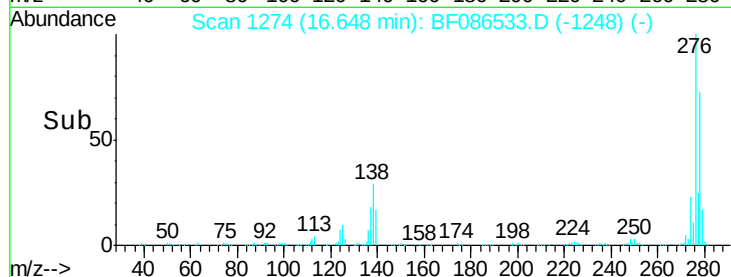
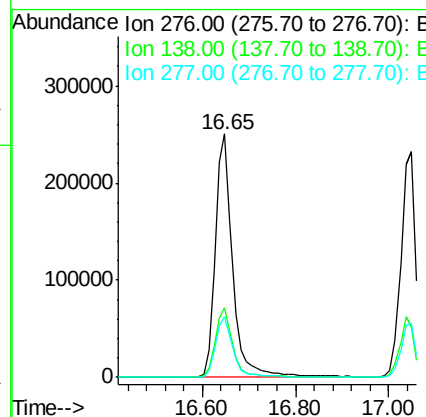
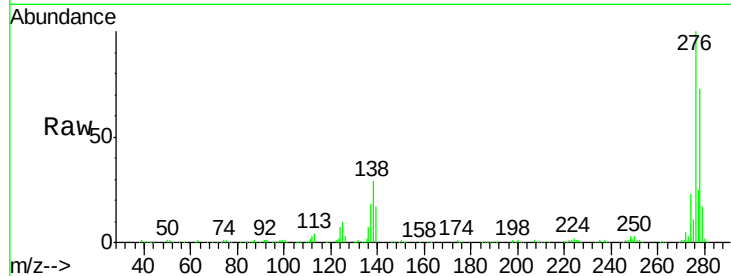
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.30 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.6	38.4
277	25.2	20.5	30.7

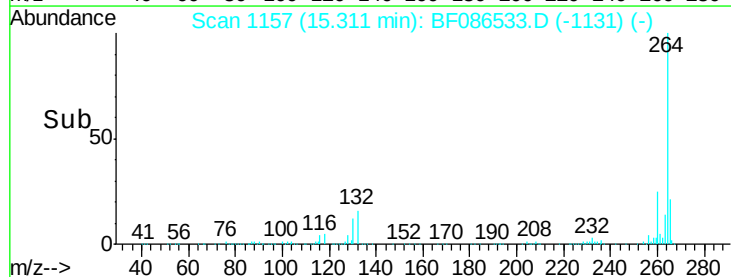
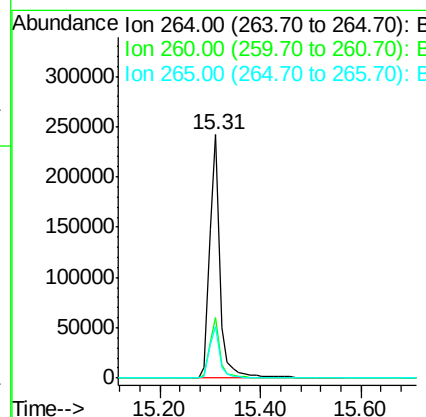
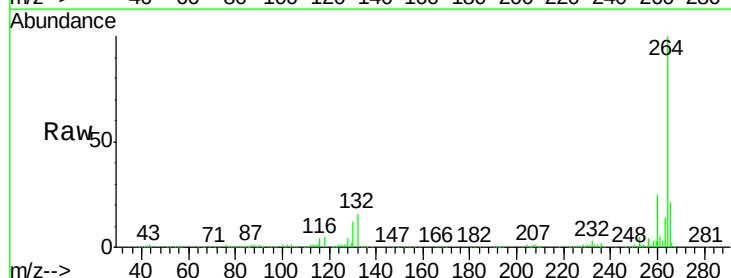
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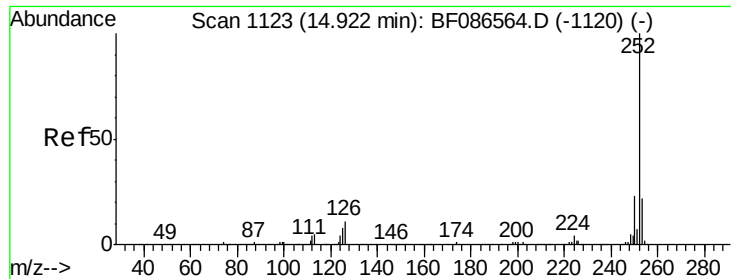
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.70 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

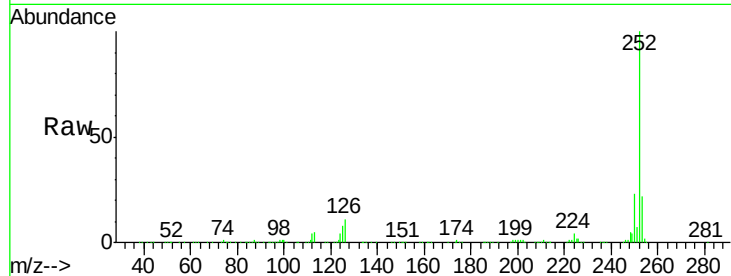
ClientSampleId :

PB90161BS

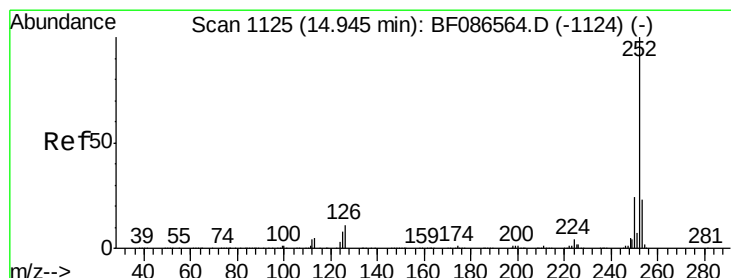
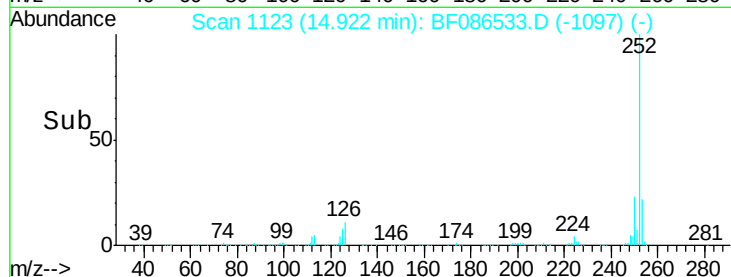
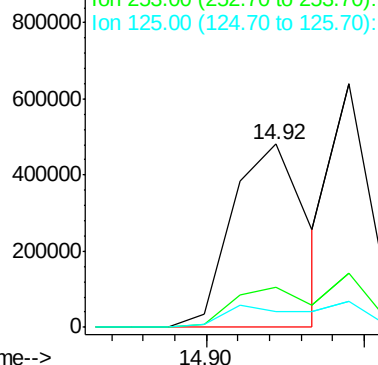
Tgt Ion:	252	Resp:	793007
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	8.5	11.4	17.0

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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



#88

Benzo(k)fluoranthene

Concen: 29.20 ng m

RT: 14.95 min Scan# 1125

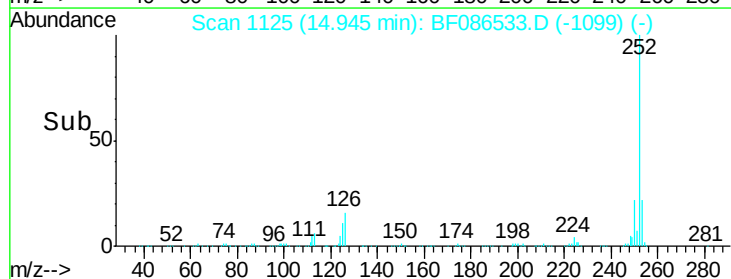
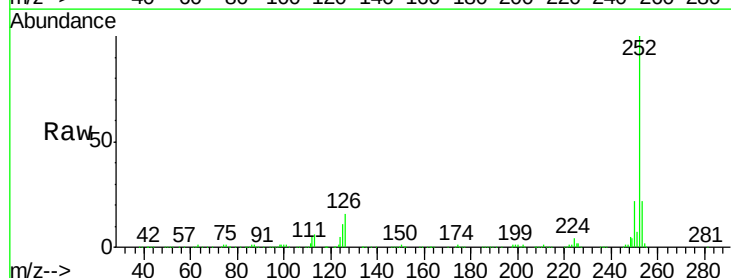
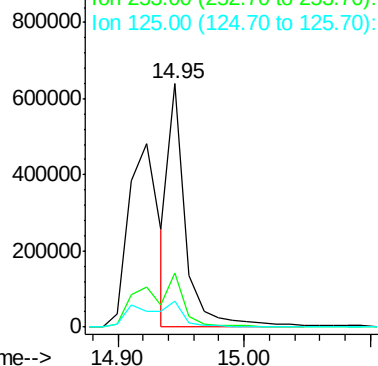
Delta R.T. -0.00 min

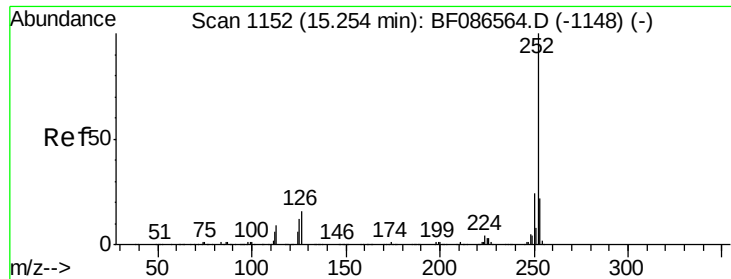
Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:	252	Resp:	624011
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	11.0	9.1	13.7

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





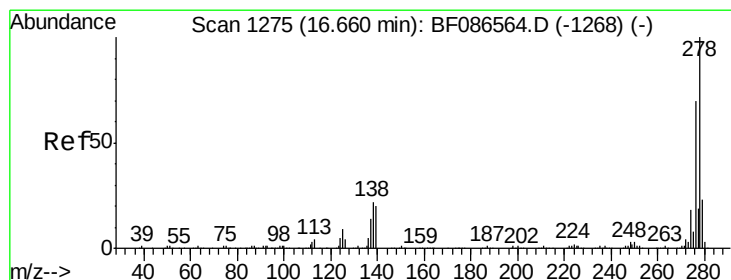
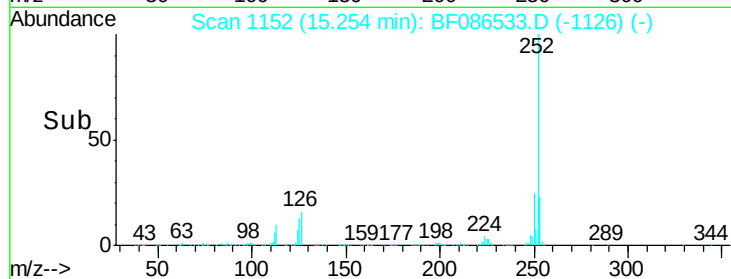
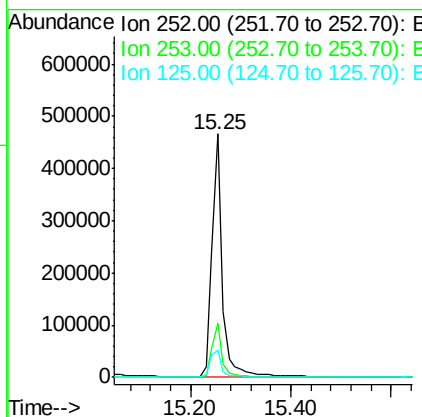
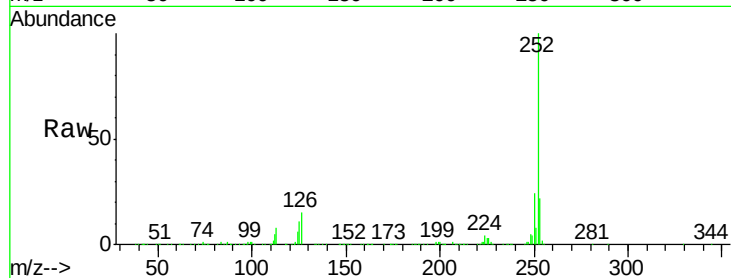
#89
Benzo(a)pyrene
Concen: 33.86 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.2	9.0	13.6

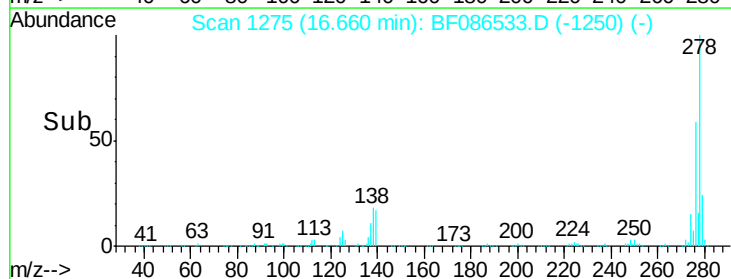
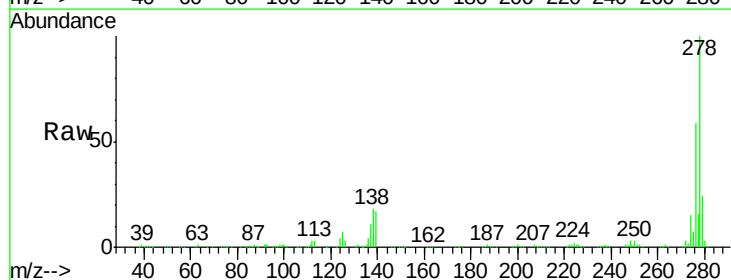
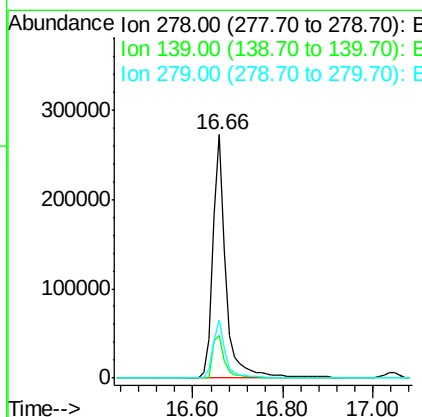
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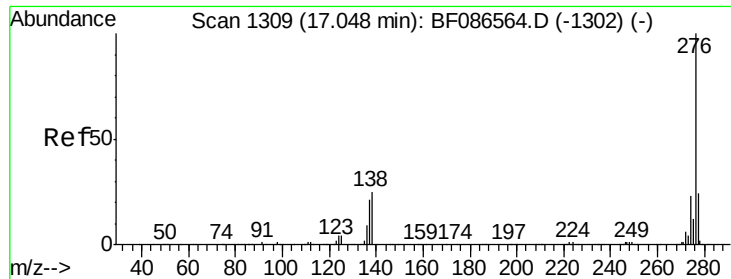
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#90
Dibenzo(a,h)anthracene
Concen: 34.72 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.6	24.8
279	24.0	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 34.60 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.6	29.4
138	22.4	23.6	35.4

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