

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090087.D
 Acq On : 15 Sep 2016 12:54
 Operator : UM/SJ
 Sample : PB93381BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Manual Integrations
 APPROVED

sohil
 9/16/2016 11:34:59 AM

Quant Time: Sep 15 18:41:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	144876	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	595951	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	317474	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	491994	20.00	ng	0.00
75) Chrysene-d12	13.67	240	352112	20.00	ng	0.00
86) Perylene-d12	14.99	264	282649	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1138352	126.37	ng	0.01
7) Phenol-d6	6.20	99	1338929	113.53	ng	0.00
23) Nitrobenzene-d5	7.12	82	816838	77.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	316504	99.25	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1471153	72.77	ng	0.00
78) Terphenyl-d14	12.63	244	1201998	81.07	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	162235	34.49	ng	98
3) Pyridine	2.65	79	471603	39.61	ng	94
4) n-Nitrosodimethylamine	2.62	42	145772	38.85	ng	94
6) Aniline	6.22	93	306314	20.93	ng	# 25
8) 2-Chlorophenol	6.33	128	412493	39.75	ng	95
9) Benzaldehyde	6.09	77	42894	6.82	ng	97
10) Phenol	6.22	94	557149	42.09	ng	# 74
11) bis(2-Chloroethyl)ether	6.30	93	431615	40.66	ng	96
12) 1,3-Dichlorobenzene	6.49	146	444847	41.67	ng	97
13) 1,4-Dichlorobenzene	6.57	146	450983	40.92	ng	97
14) 1,2-Dichlorobenzene	6.72	146	419597m	41.90	ng	
15) Benzyl Alcohol	6.71	79	309096	46.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	487332	38.74	ng	96
17) 2-Methylphenol	6.83	107	375985	44.29	ng	97
18) Hexachloroethane	7.06	117	161098	40.28	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	281207	38.37	ng	98
20) 3+4-Methylphenols	6.98	107	459499	46.25	ng	86
22) Acetophenone	6.97	105	540895	37.49	ng	# 98
24) Nitrobenzene	7.14	77	470822	42.17	ng	90
25) Isophorone	7.38	82	862539	38.86	ng	97
26) 2-Nitrophenol	7.46	139	235633	43.53	ng	# 88
27) 2,4-Dimethylphenol	7.52	122	397383	41.72	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	577046	44.33	ng	99
29) 2,4-Dichlorophenol	7.70	162	350446	41.65	ng	90
30) 1,2,4-Trichlorobenzene	7.78	180	330532	39.82	ng	98
31) Naphthalene	7.86	128	1290498	44.05	ng	99
32) Benzoic acid	7.64	122	136934	18.61	ng	96
33) 4-Chloroaniline	7.92	127	136852	10.98	ng	95
34) Hexachlorobutadiene	7.99	225	175476	41.28	ng	99
35) Caprolactam	8.28	113	133648m	47.57	ng	
36) 4-Chloro-3-methylphenol	8.41	107	398716	40.82	ng	98
37) 2-Methylnaphthalene	8.55	142	738486	40.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	268462	32.89	ng	100
40) Hexachlorocyclopentadiene	8.71	237	301675	71.11	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	222231	37.56	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	235469	37.00	ng	# 95
45) 1,1'-Biphenyl	9.02	154	851142	32.76	ng	98
46) 2-Chloronaphthalene	9.04	162	756031	39.28	ng	95
47) 2-Nitroaniline	9.14	65	232184	37.78	ng	85
48) Acenaphthylene	9.45	152	1141485	35.31	ng	99
49) Dimethylphthalate	9.32	163	839813	35.61	ng	98
50) 2,6-Dinitrotoluene	9.38	165	184497	35.01	ng	93
51) Acenaphthene	9.61	154	701254	38.84	ng	99
52) 3-Nitroaniline	9.54	138	114280	17.82	ng	86
53) 2,4-Dinitrophenol	9.66	184	153110	53.44	ng	95
54) Dibenzofuran	9.79	168	1030428	41.27	ng	97
55) 4-Nitrophenol	9.72	139	290333	64.35	ng	85
56) 2,4-Dinitrotoluene	9.78	165	228191	35.52	ng	98
57) Fluorene	10.12	166	675852	34.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	193532	39.87	ng	100
59) Diethylphthalate	10.02	149	802941	35.17	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	293425	38.14	ng	97
61) 4-Nitroaniline	10.16	138	226913	34.96	ng	89
62) Azobenzene	10.28	77	965458	40.30	ng	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	106642	32.47	ng	85
65) n-Nitrosodiphenylamine	10.25	169	703697	45.14	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	222925	47.00	ng	92
67) Hexachlorobenzene	10.67	284	251319	44.97	ng	# 91
68) Atrazine	10.79	200	219931	47.48	ng	97
69) Pentachlorophenol	10.87	266	251071	76.69	ng	99
70) Phenanthrene	11.07	178	980004	41.22	ng	99
71) Anthracene	11.13	178	1178077	45.38	ng	100
72) Carbazole	11.29	167	1161008	43.60	ng	99
73) Di-n-butylphthalate	11.63	149	1211667	40.57	ng	100
74) Fluoranthene	12.25	202	1073948	43.11	ng	98
76) Benzidine	12.39	184	418190	29.12	ng	96
77) Pyrene	12.47	202	1072357	41.73	ng	99
79) Butylbenzylphthalate	13.11	149	523828	40.93	ng	# 72
80) Benzo(a)anthracene	13.66	228	873700	42.51	ng	99
81) 3,3'-Dichlorobenzidine	13.62	252	131443	15.26	ng	# 97
82) Chrysene	13.69	228	850904	42.52	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	670372	42.35	ng	100
84) Di-n-octyl phthalate	14.29	149	1066780	37.70	ng	99
85) Indeno(1,2,3-cd)pyrene	16.17	276	735578	43.91	ng	100
87) Benzo(b)fluoranthene	14.64	252	660335m	39.85	ng	
88) Benzo(k)fluoranthene	14.66	252	670509m	44.95	ng	
89) Benzo(a)pyrene	14.94	252	653001	43.95	ng	# 94
90) Dibenzo(a,h)anthracene	16.19	278	621517	53.41	ng	99
91) Benzo(g,h,i)perylene	16.53	276	611851	55.10	ng	99

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

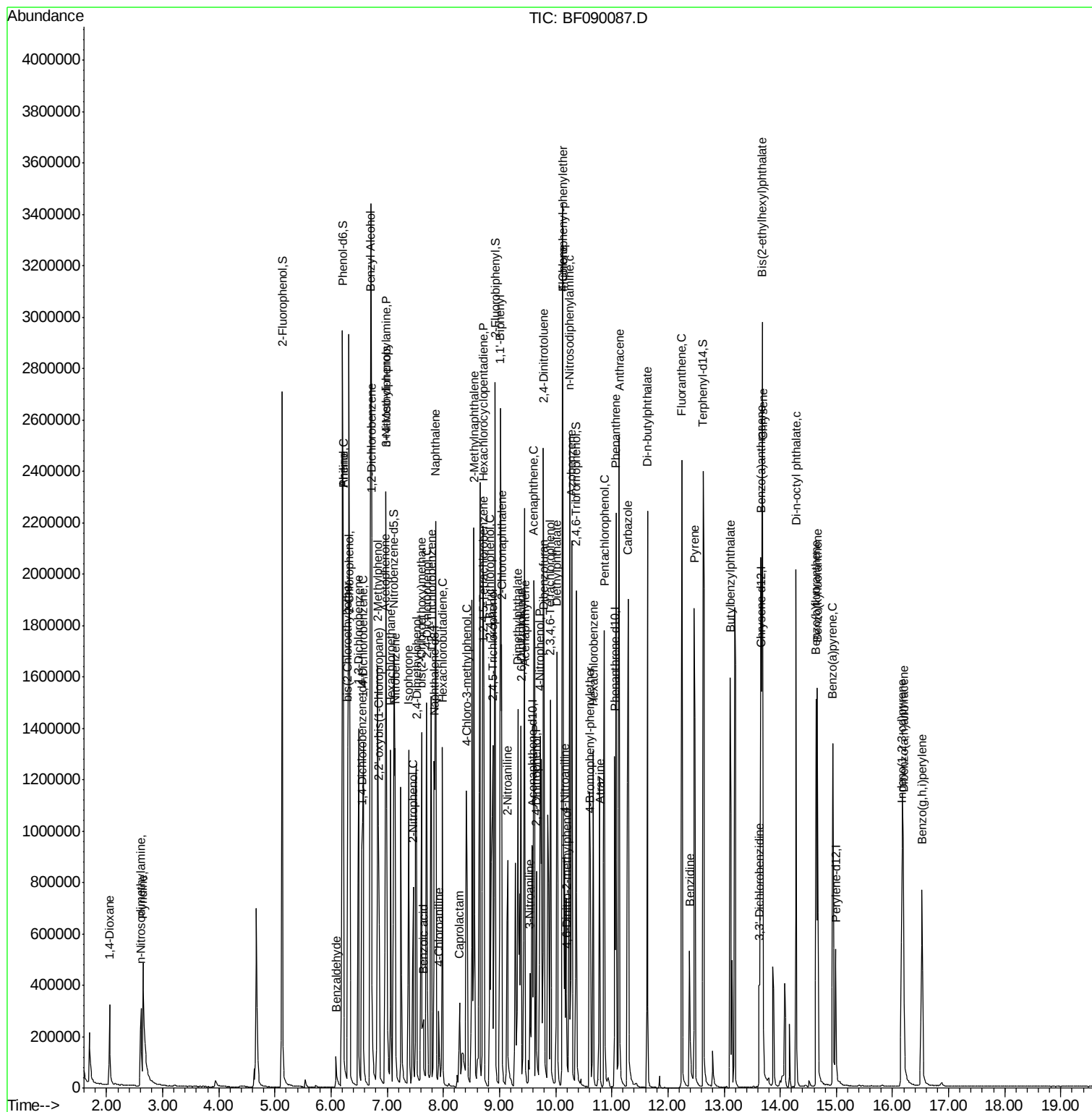
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\  
Data File : BF090087.D  
Acq On    : 15 Sep 2016   12:54  
Operator  : UM/SJ  
Sample    : PB93381BSD  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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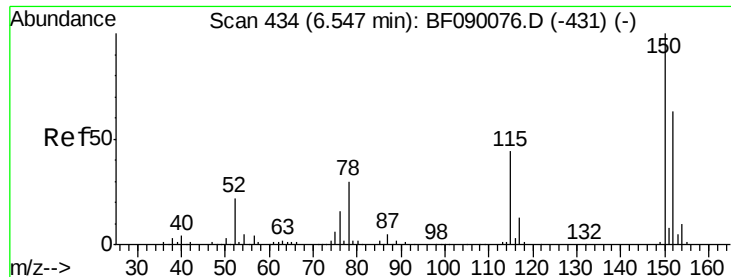
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

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#1

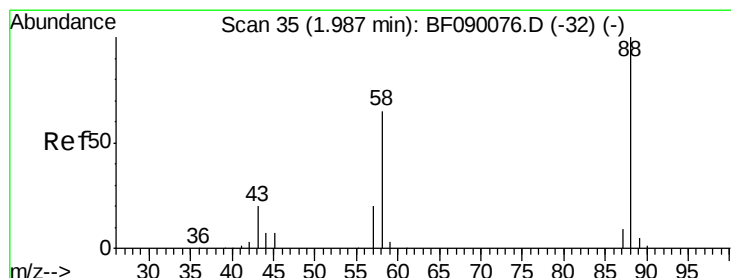
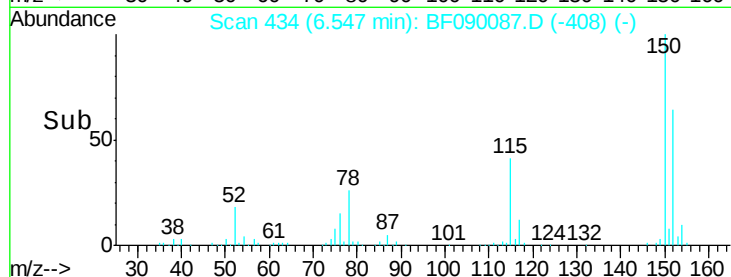
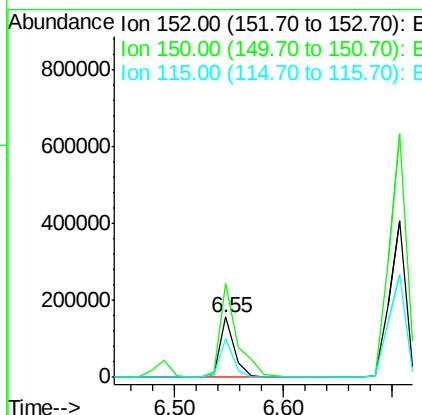
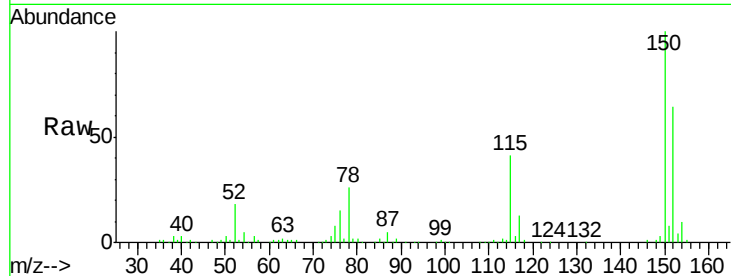
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.9	193.3
115	64.3	55.5	83.3

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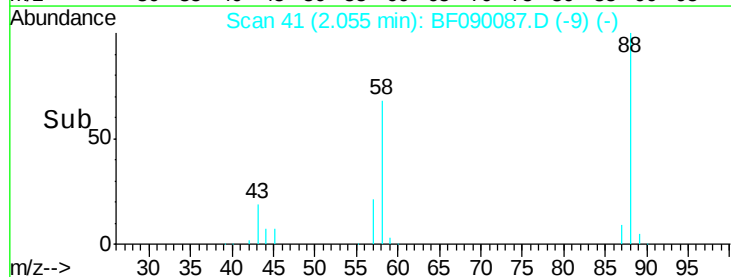
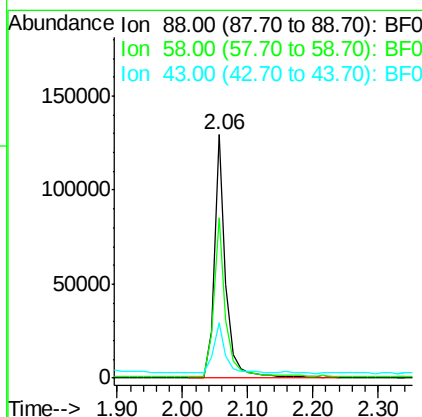
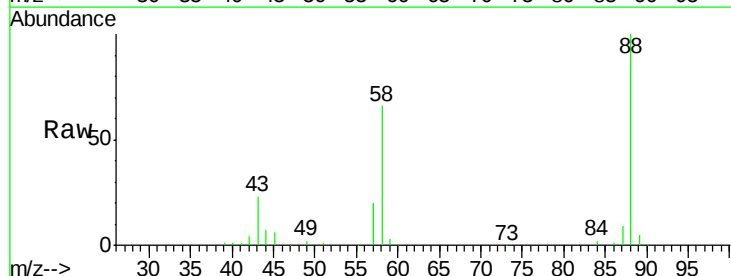
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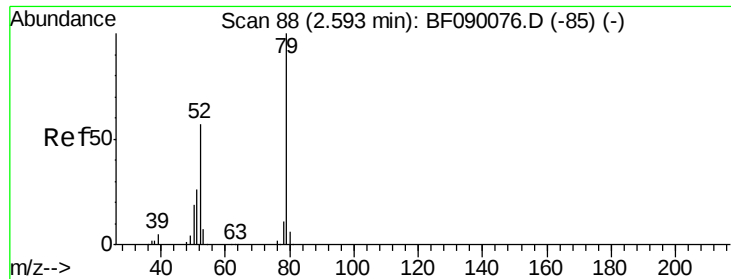


#2

1,4-Dioxane
Concen: 34.49 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.07 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	53.4	80.0
43	20.0	16.5	24.7





#3

Pyridine

Concen: 39.61 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.06 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

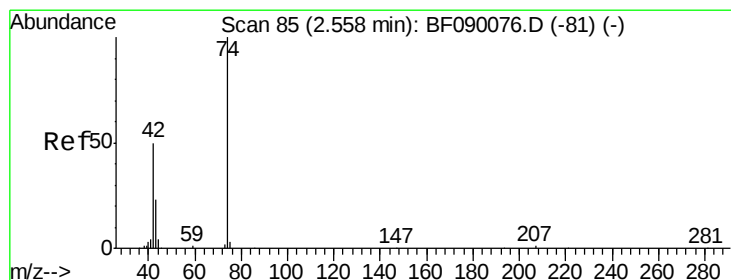
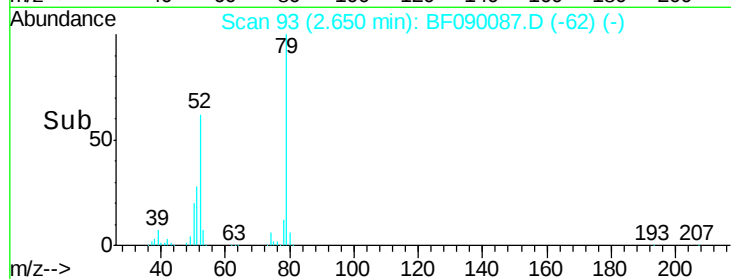
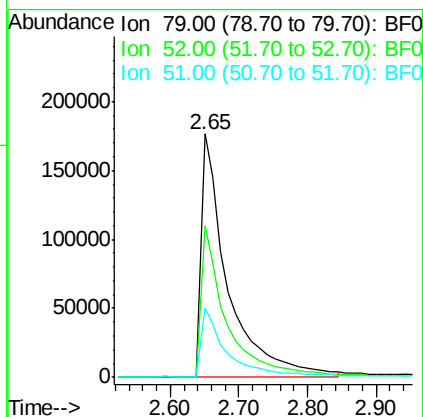
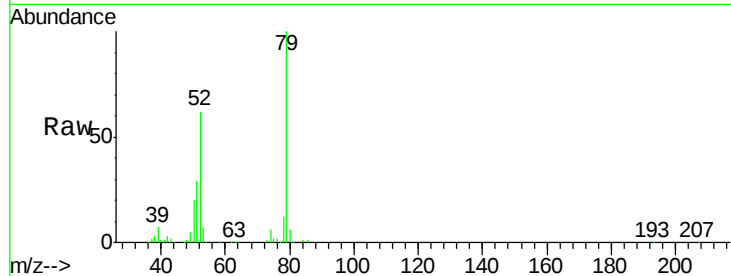
ClientSampleId :

PB93381BSD

Tgt Ion:	79	Resp:	471603
Ion	Ratio	Lower	Upper
79	100		
52	62.1	45.9	68.9
51	28.7	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 38.85 ng

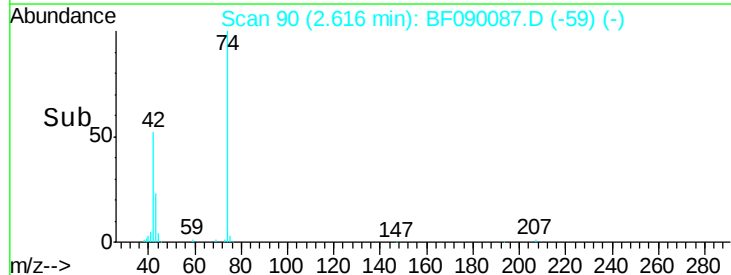
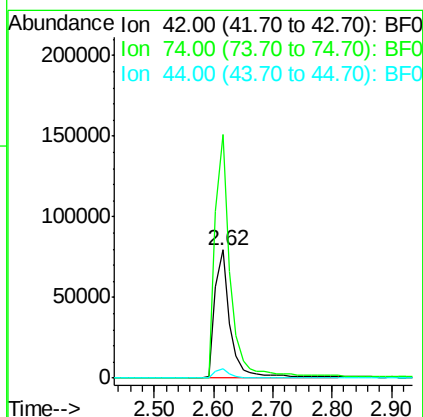
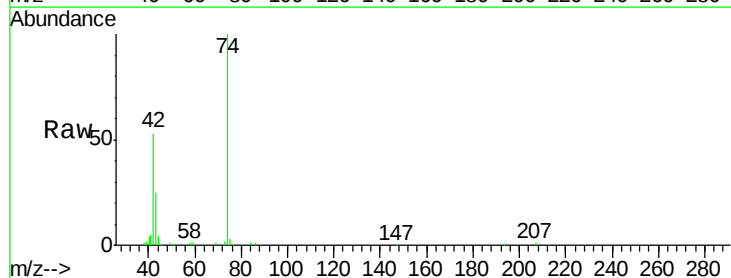
RT: 2.62 min Scan# 90

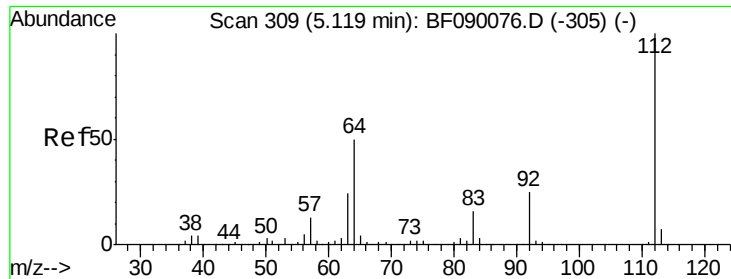
Delta R.T. 0.06 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:	42	Resp:	145772
Ion	Ratio	Lower	Upper
42	100		
74	189.8	158.7	238.1
44	7.6	6.4	9.6





#5

2-Fluorophenol

Concen: 126.37 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

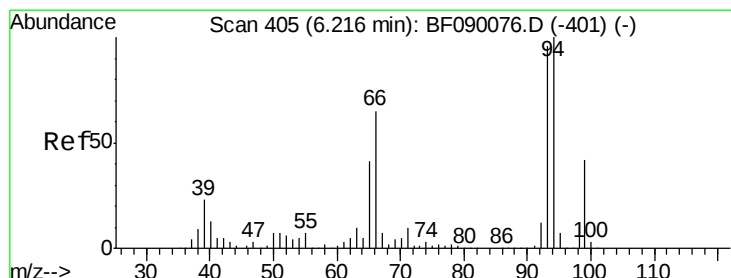
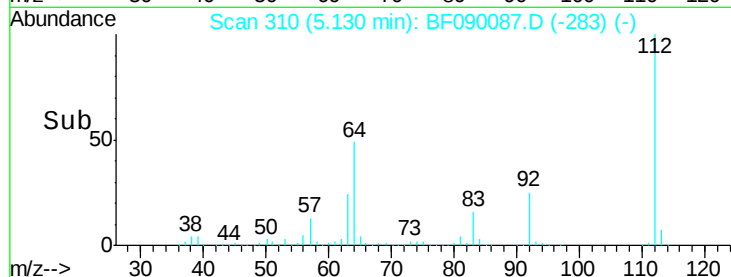
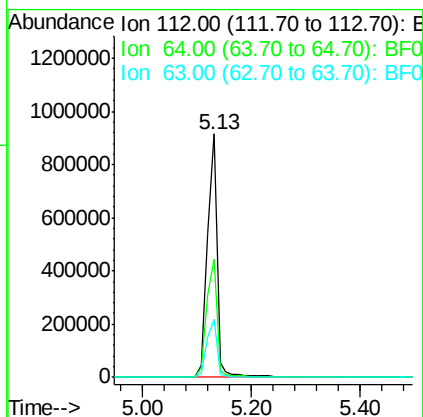
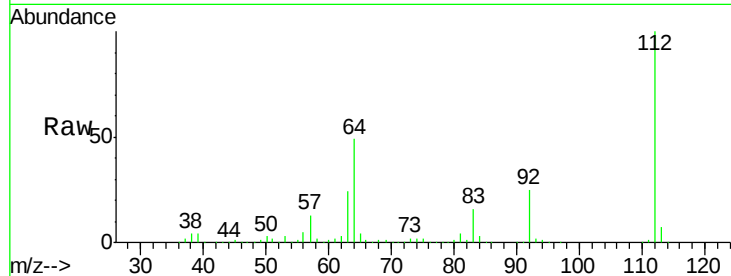
ClientSampleId :

PB93381BSD

Tgt Ion:	112	Resp:	1138352
Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.8	59.6
63	23.8	18.9	28.3

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#6

Aniline

Concen: 20.93 ng

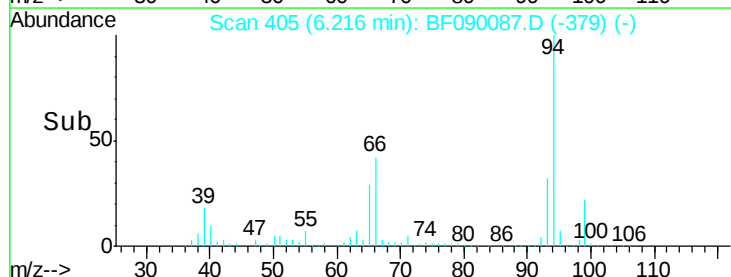
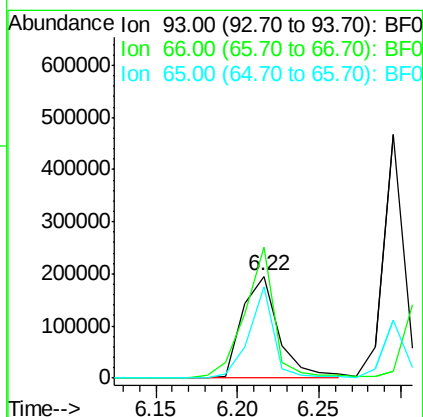
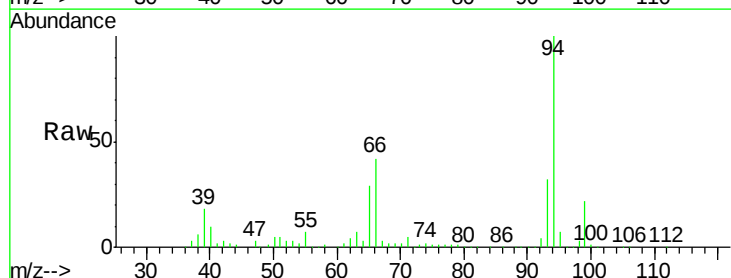
RT: 6.22 min Scan# 405

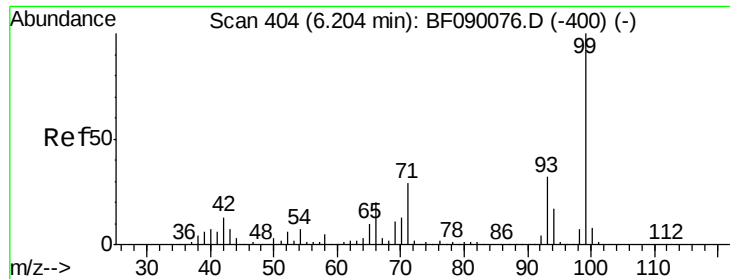
Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:	93	Resp:	306314
Ion	Ratio	Lower	Upper
93	100		
66	128.7	54.2	81.2#
65	89.0	33.8	50.6#





#7

Phenol-d6

Concen: 113.53 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

Tgt Ion: 99 Resp: 1338929

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

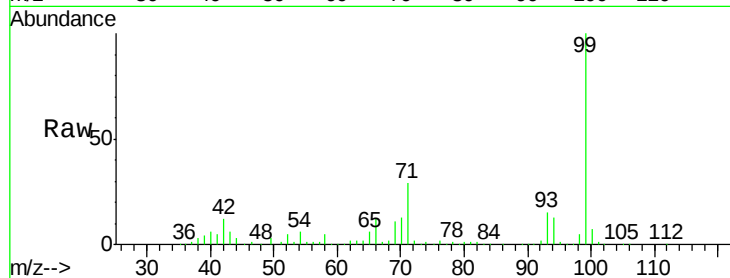
71 28.9 23.0 34.6

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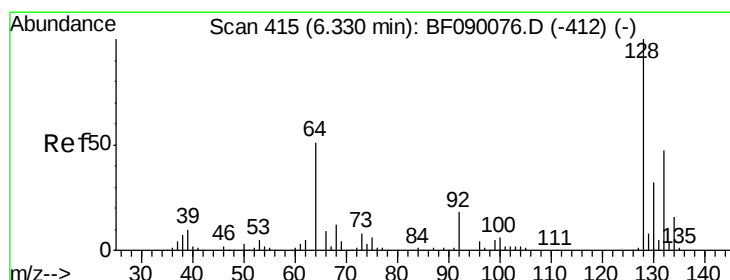
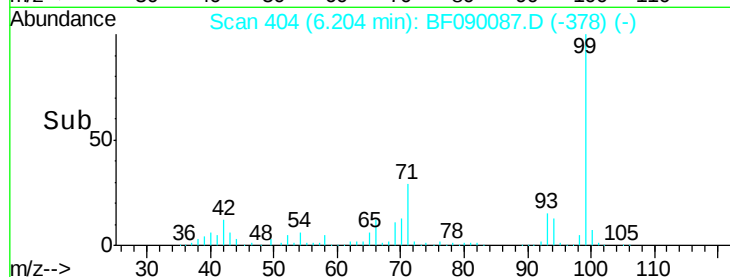
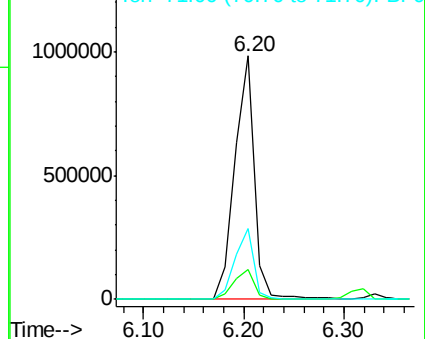
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.75 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

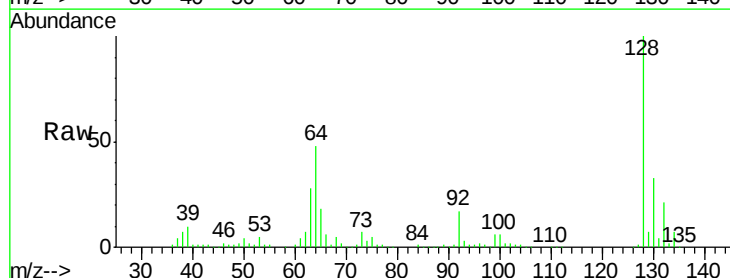
Tgt Ion: 128 Resp: 412493

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

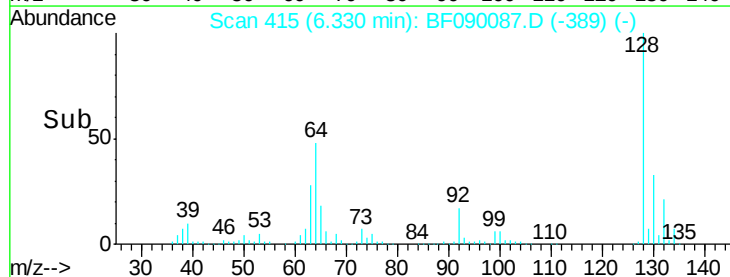
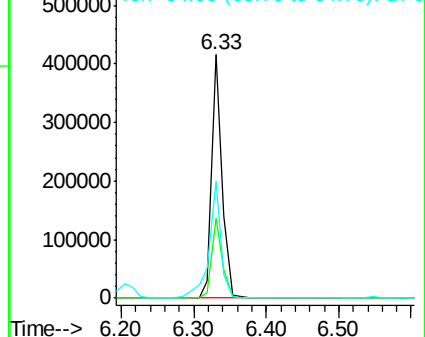
64 48.3 33.6 73.6

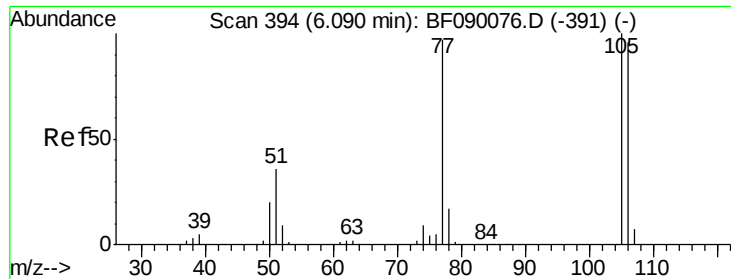


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.82 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

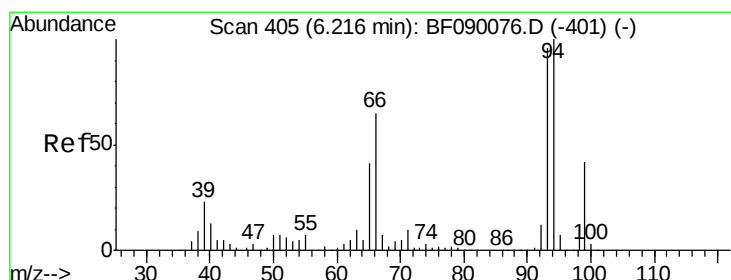
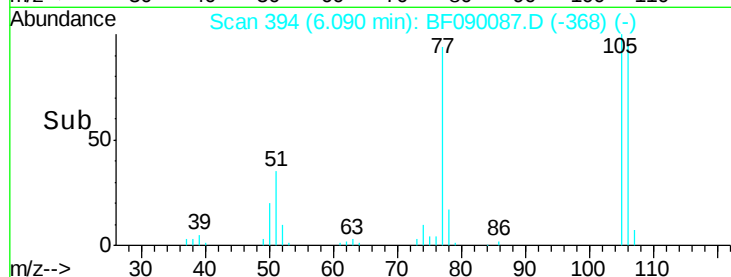
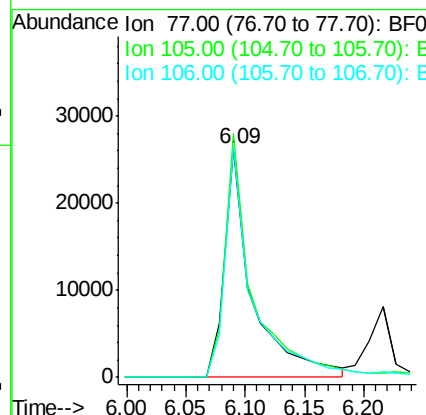
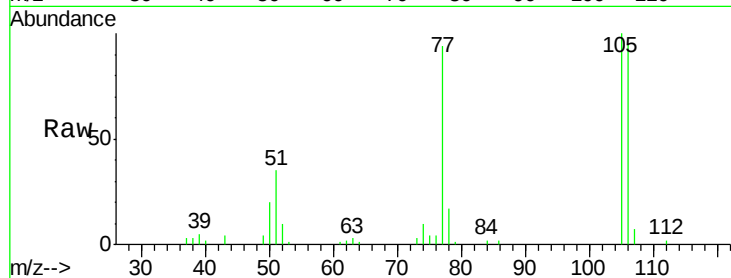
ClientSampleId :

PB93381BSD

Tgt Ion: 77 Resp: 42894
 Ion Ratio Lower Upper
 77 100
 105 106.6 83.0 123.0
 106 100.8 78.5 118.5

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#10

Phenol

Concen: 42.09 ng

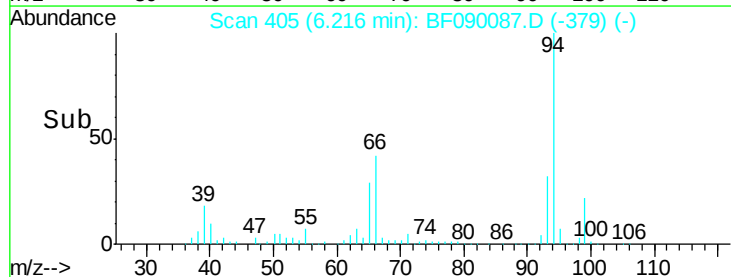
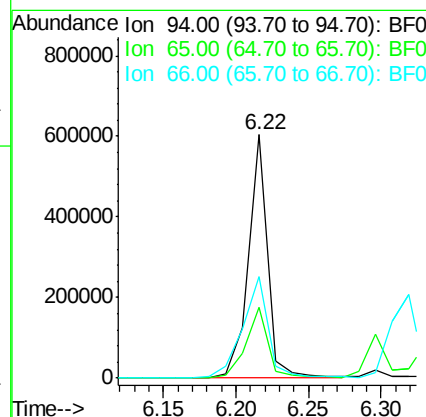
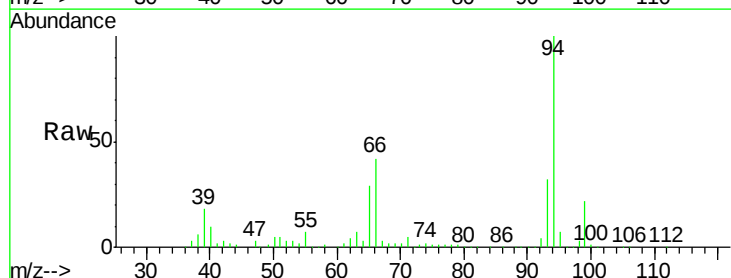
RT: 6.22 min Scan# 405

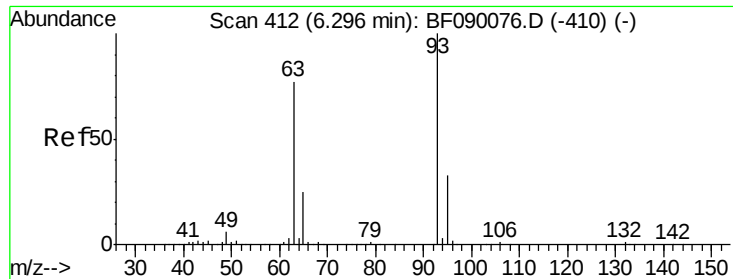
Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion: 94 Resp: 557149
 Ion Ratio Lower Upper
 94 100
 65 28.8 20.6 60.6
 66 41.7 45.1 85.1#





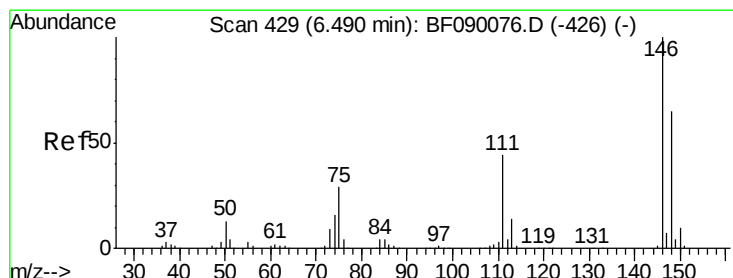
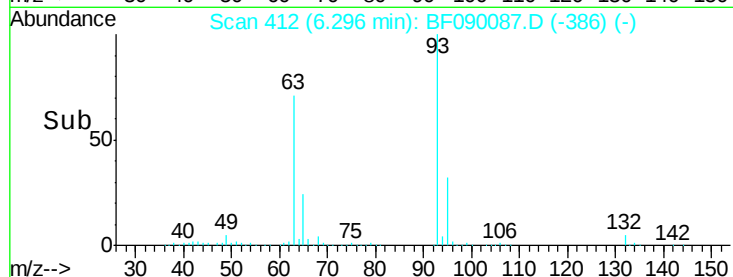
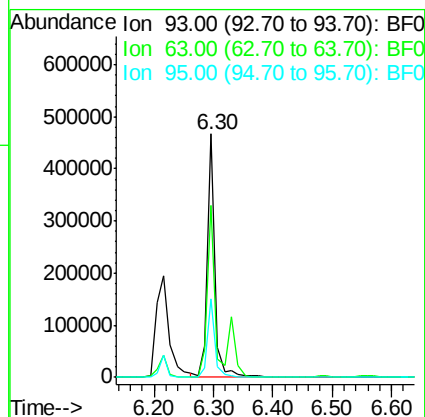
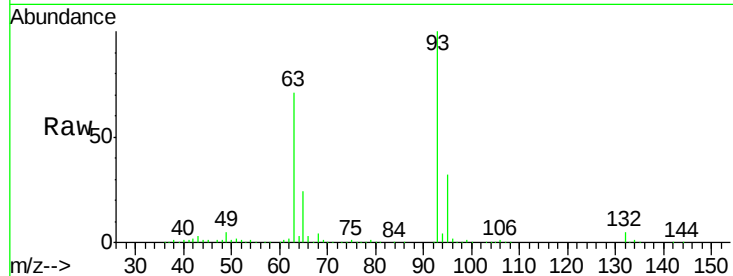
#11
bis(2-Chloroethyl)ether
Concen: 40.66 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion:	93	Resp:	431615
Ion Ratio	Lower	Upper	
93	100		
63	70.6	55.6	95.6
95	32.4	12.6	52.6

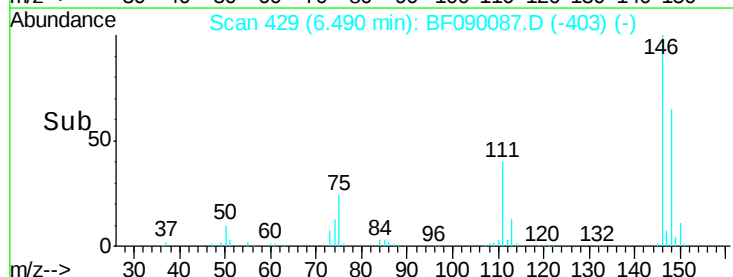
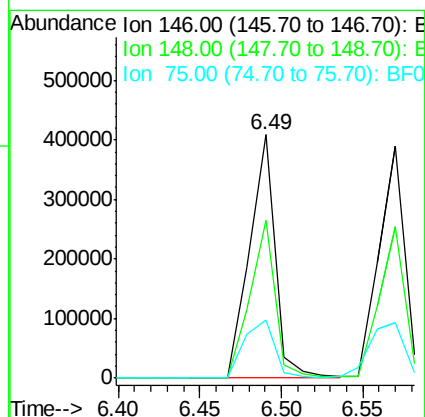
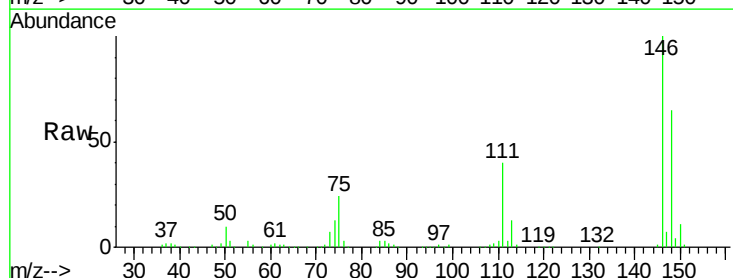
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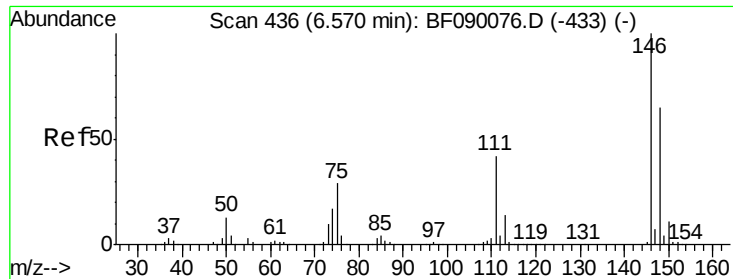
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#12
1,3-Dichlorobenzene
Concen: 41.67 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion:	146	Resp:	444847
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
75	23.7	22.8	34.2





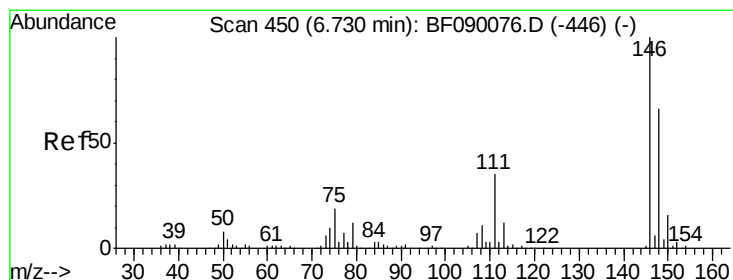
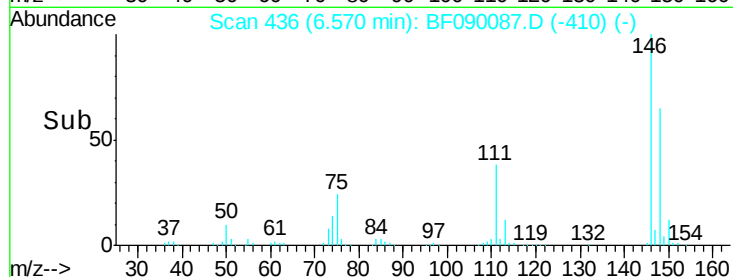
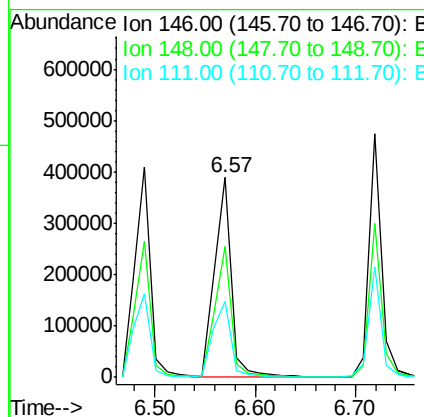
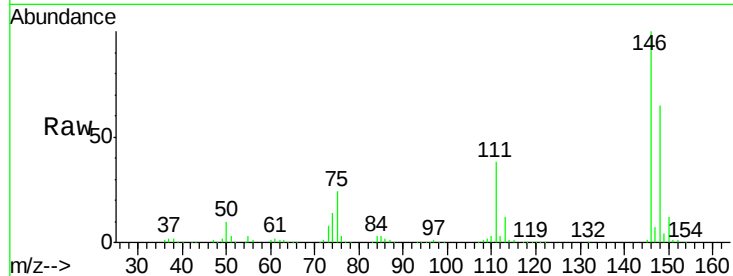
#13
 1,4-Dichlorobenzene
 Concen: 40.92 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	450983		
148	65.4	52.0	78.0	
111	38.3	33.8	50.6	

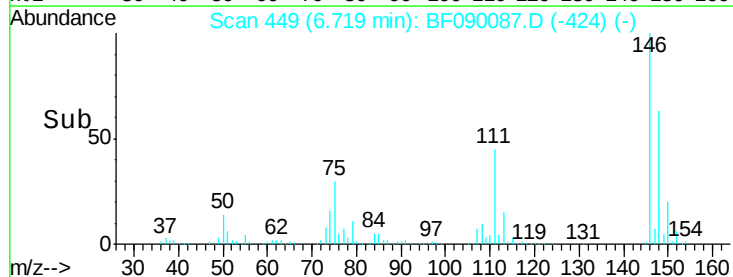
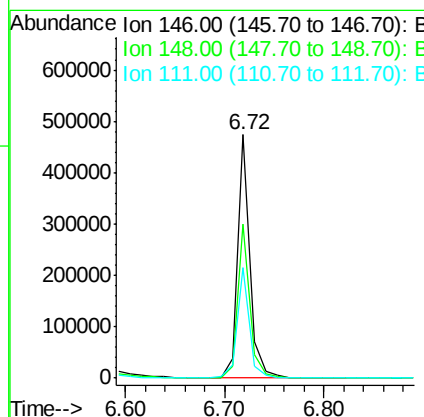
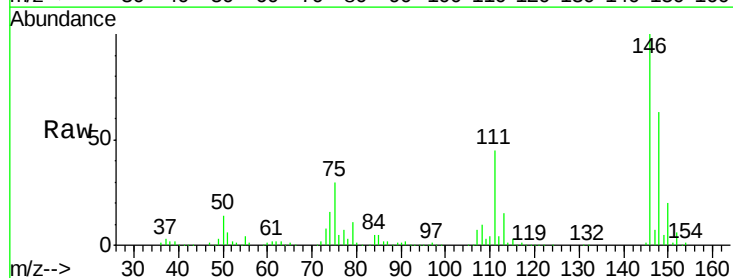
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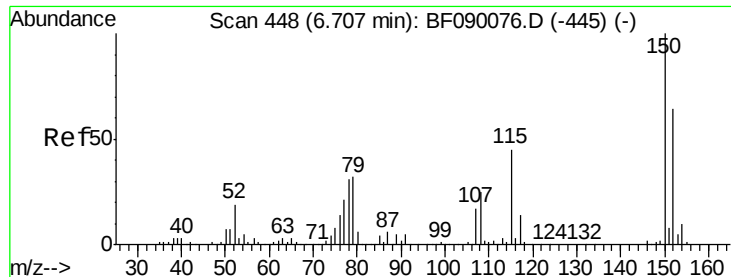
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#14
 1,2-Dichlorobenzene
 Concen: 41.90 ng m
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	419597		
148	63.4	52.6	79.0	
111	45.3	28.2	42.2	





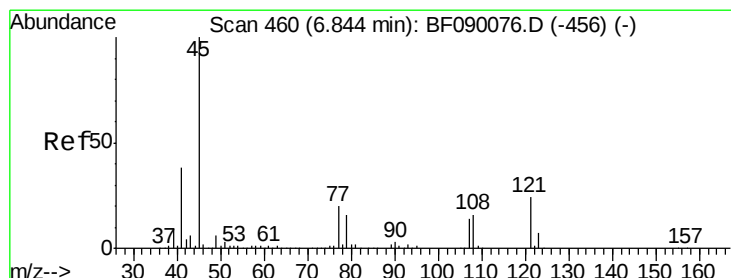
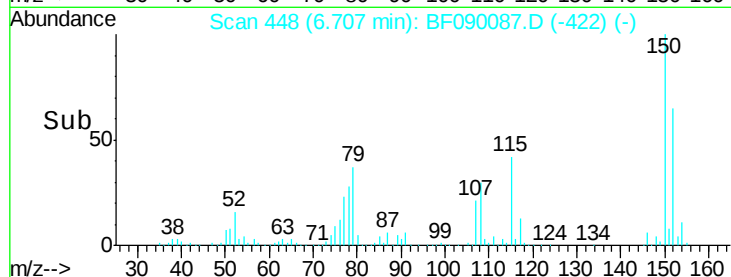
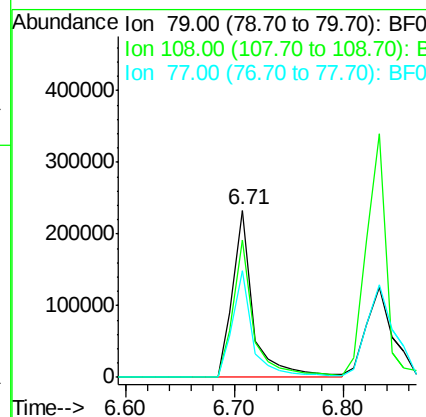
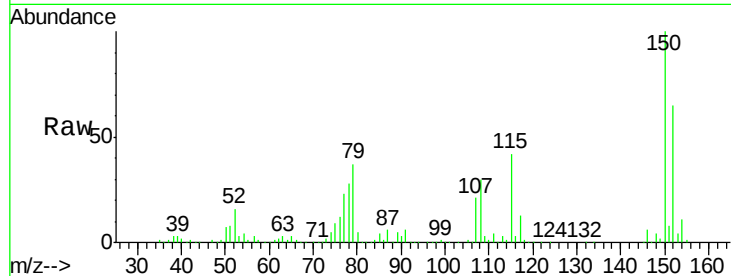
#15
Benzyl Alcohol
Concen: 46.54 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
79	100		
108	82.3	62.2	93.4
77	63.5	51.4	77.0

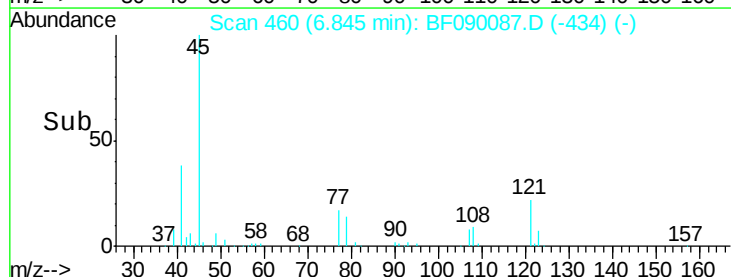
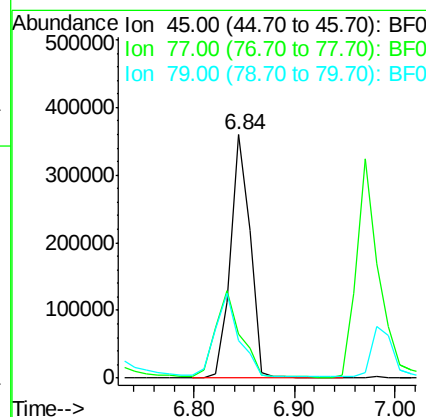
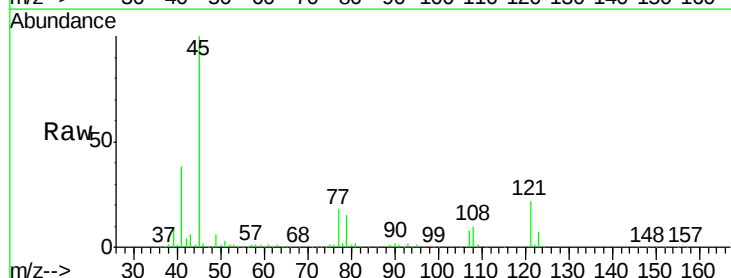
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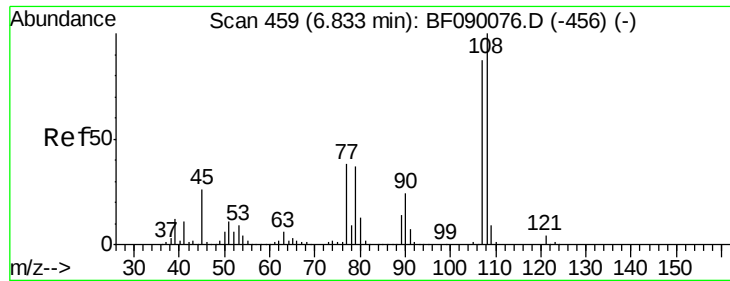
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.74 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	18.3	0.5	40.5
79	15.4	0.0	37.0





#17

2-Methylphenol

Concen: 44.29 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

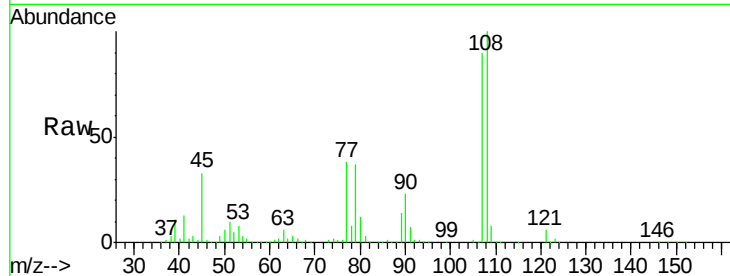
ClientSampleId :

PB93381BSD

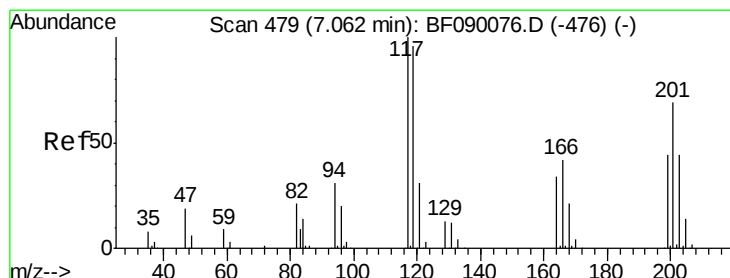
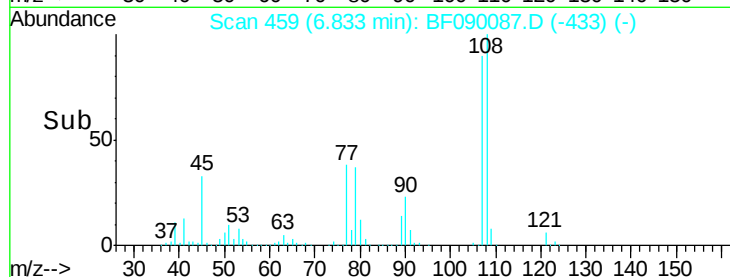
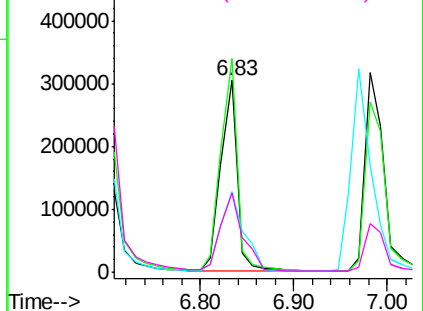
Tgt Ion:	107	Resp:	375985
Ion Ratio	Lower	Upper	
107	100		
108	111.5	92.0	138.0
77	42.4	35.6	53.4
79	41.2	35.2	52.8

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



#18

Hexachloroethane

Concen: 40.28 ng

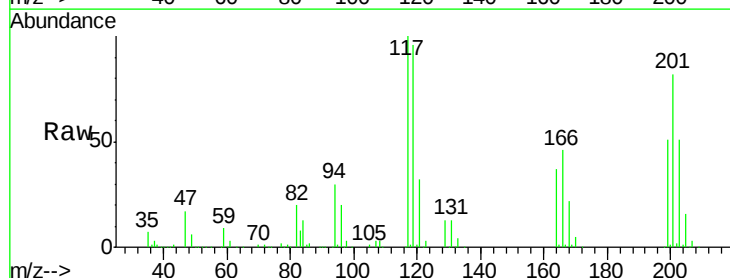
RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

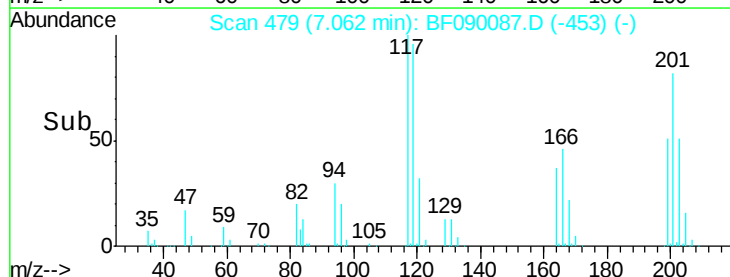
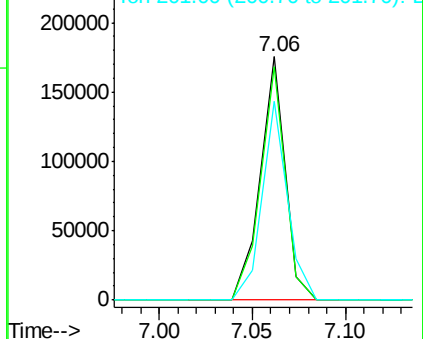
Lab File: BF090087.D

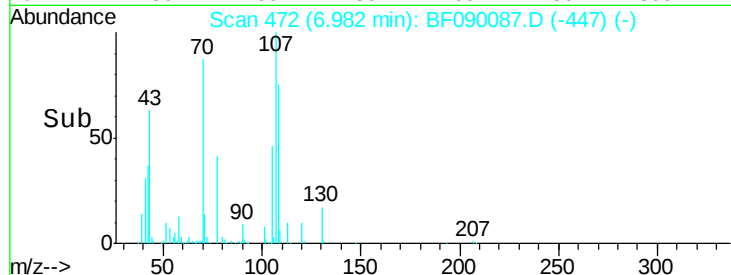
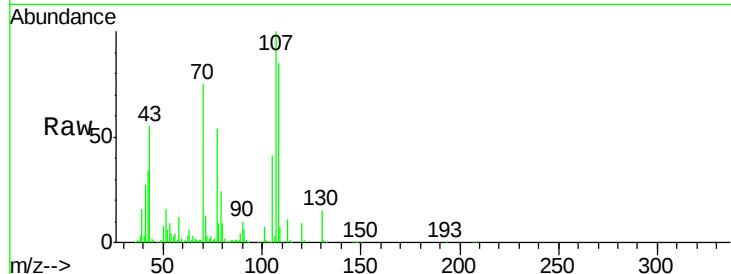
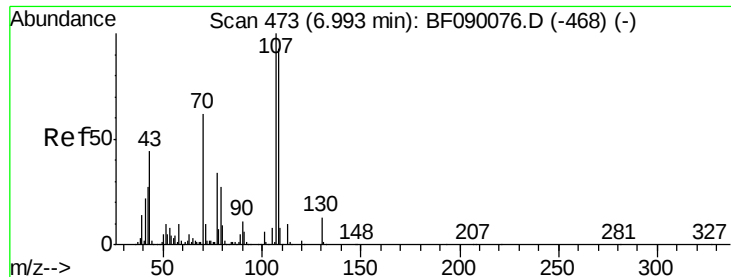
Acq: 15 Sep 2016 12:54

Tgt Ion:	117	Resp:	161098
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.6	115.0
201	81.6	55.5	83.3



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





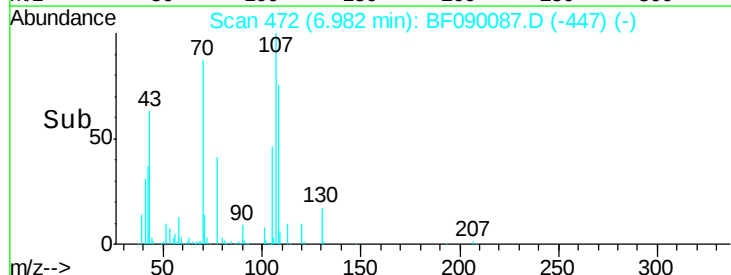
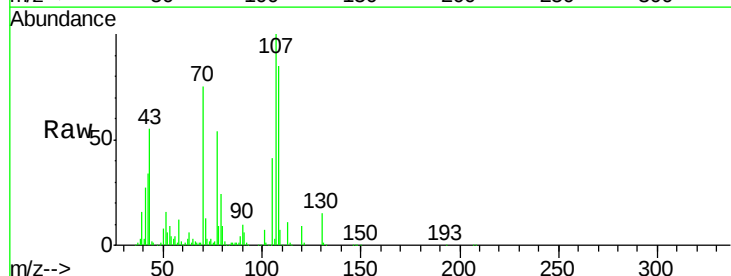
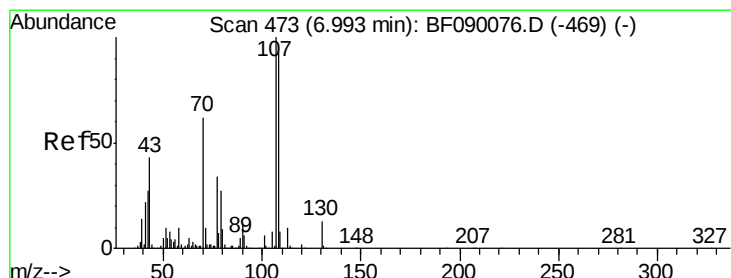
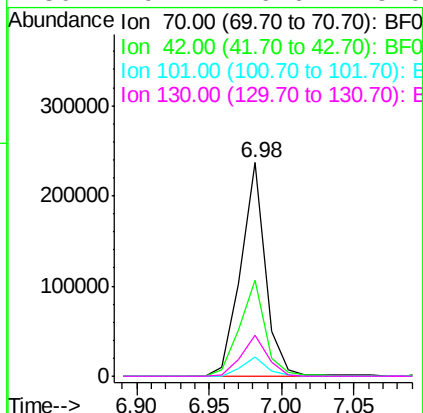
#19
n-Nitroso-di-n-propylamine
Concen: 38.37 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	281207		
42	44.9	35.1	52.7	
101	9.3	7.5	11.3	
130	19.4	16.6	25.0	

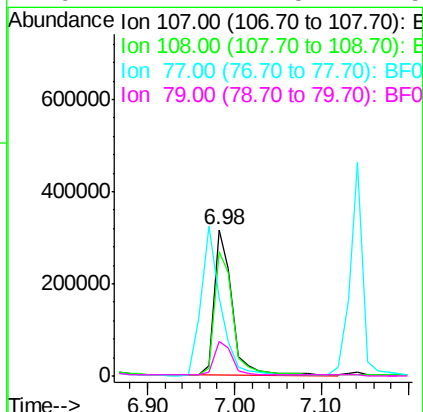
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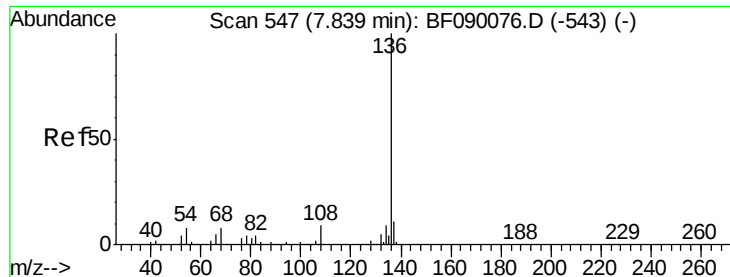
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#20
3+4-Methylphenols
Concen: 46.25 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	459499		
108	85.4	73.3	113.3	
77	53.5	14.1	54.1	
79	24.1	7.5	47.5	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

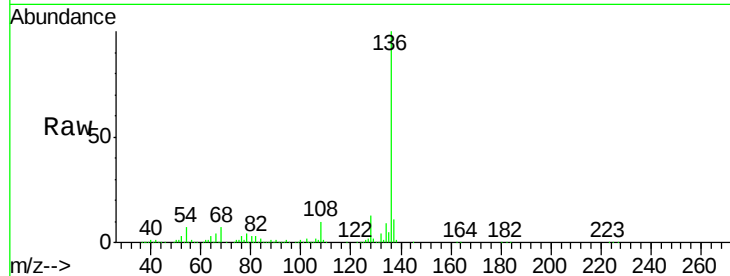
ClientSampleId :

PB93381BSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		595951		
137	11.0	9.0	13.4		
54	6.7	6.4	9.6		
68	6.6	6.3	9.5		

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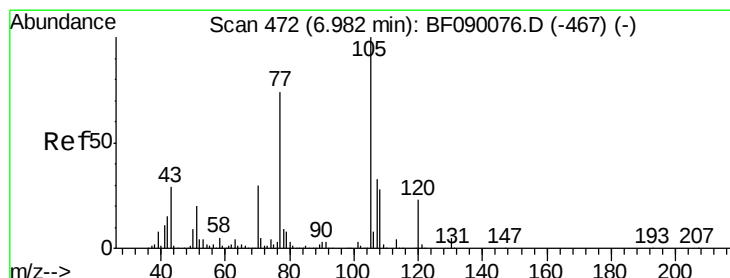
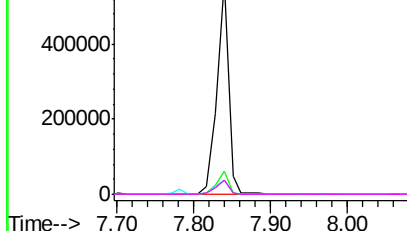
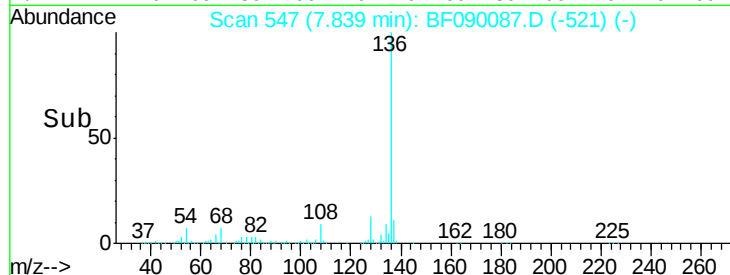


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.49 ng

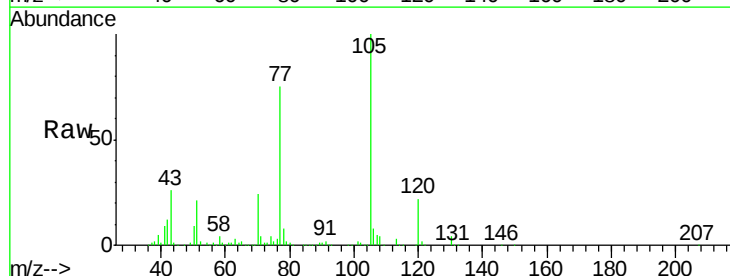
RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		540895		
71	3.9	4.1	6.1#		
51	21.3	16.2	24.2		
120	21.8	18.2	27.2		

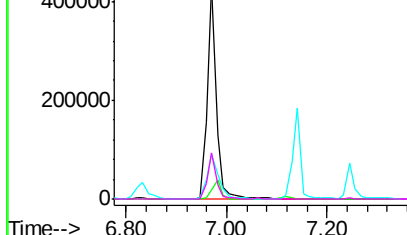
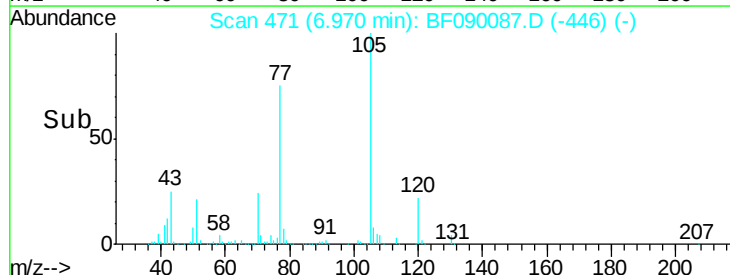


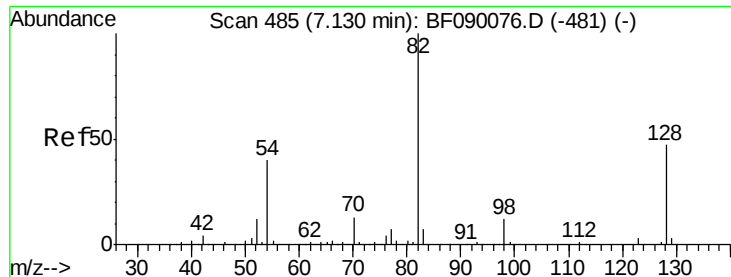
Abundance Ion 105.00 (104.70 to 105.70): E

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





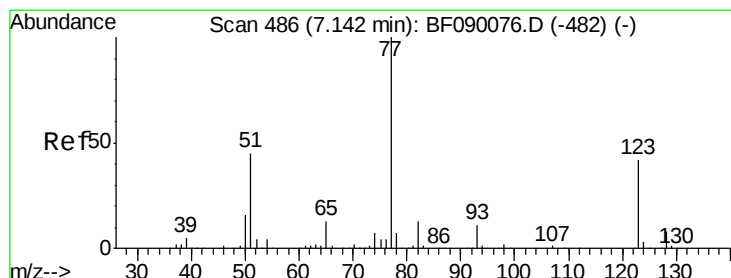
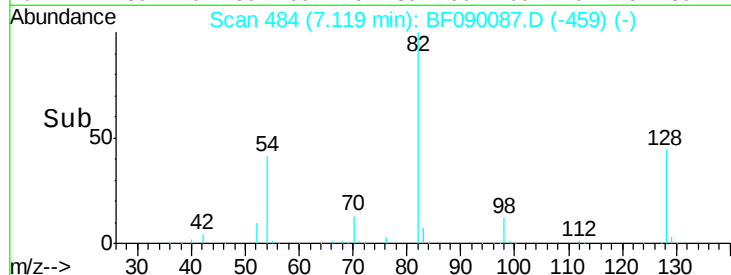
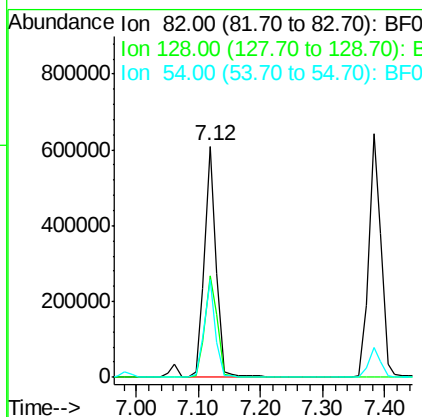
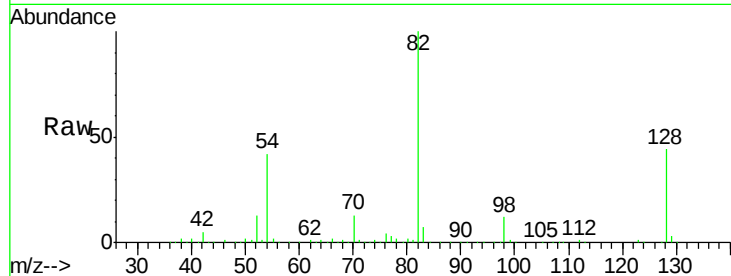
#23
 Nitrobenzene-d5
 Concen: 77.07 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	816838		
128	43.9	37.5	56.3	
54	42.4	31.9	47.9	

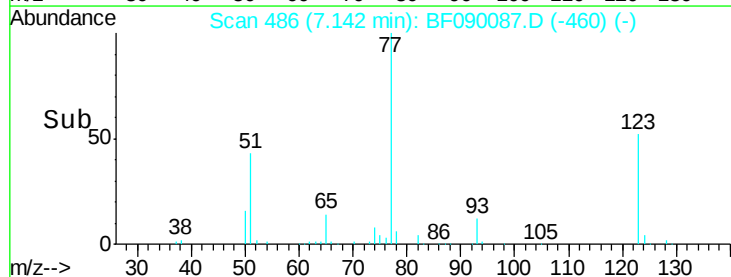
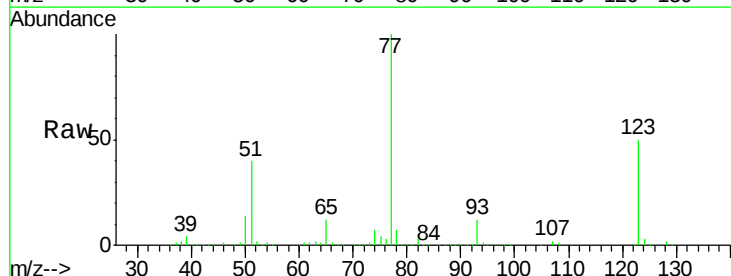
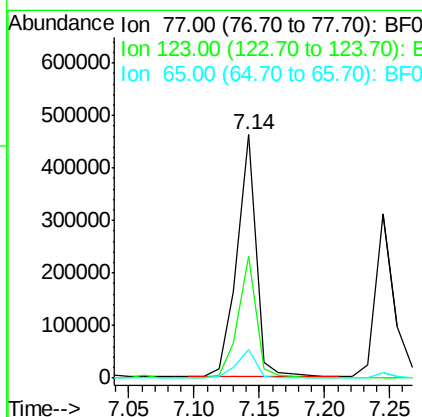
Manual Integrations
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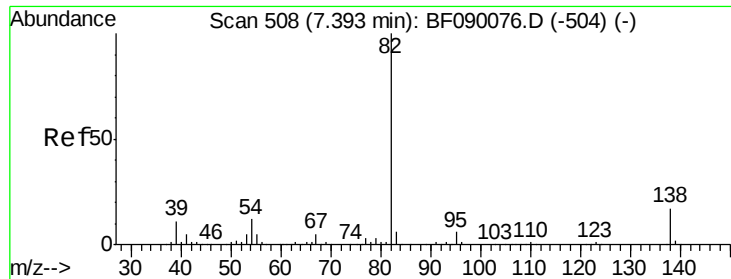
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#24
 Nitrobenzene
 Concen: 42.17 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	470822		
123	49.9	33.4	50.2	
65	11.9	10.1	15.1	





#25

Isophorone

Concen: 38.86 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

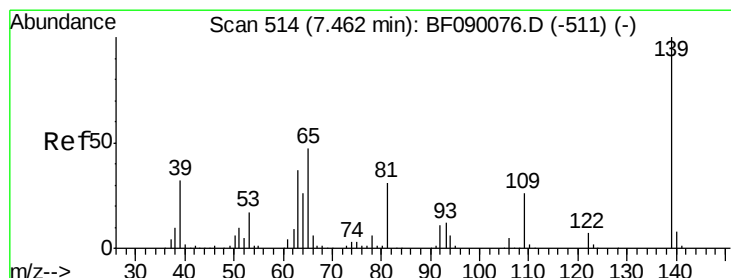
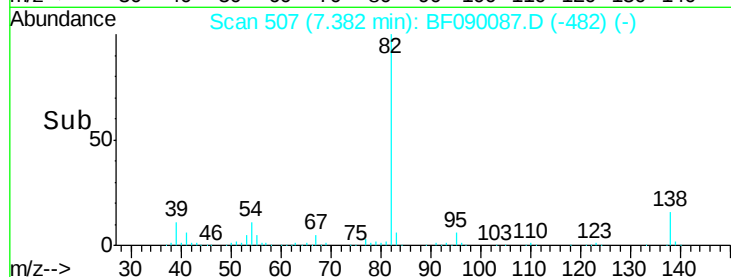
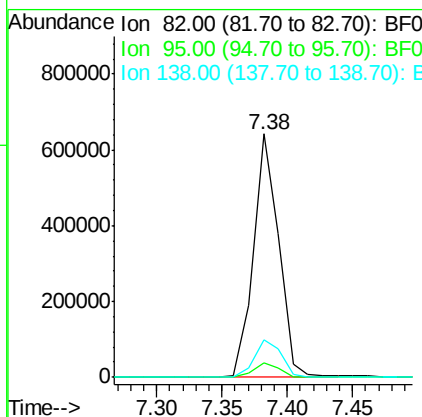
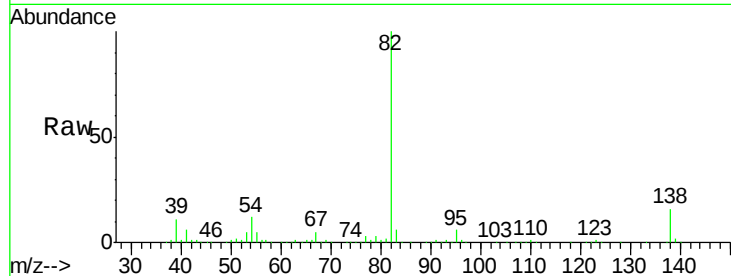
ClientSampleId :

PB93381BSD

Tgt Ion:	82	Resp:	862539
Ion Ratio		Lower	Upper
82	100		
95	6.0	5.1	7.7
138	15.6	13.5	20.3

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#26

2-Nitrophenol

Concen: 43.53 ng

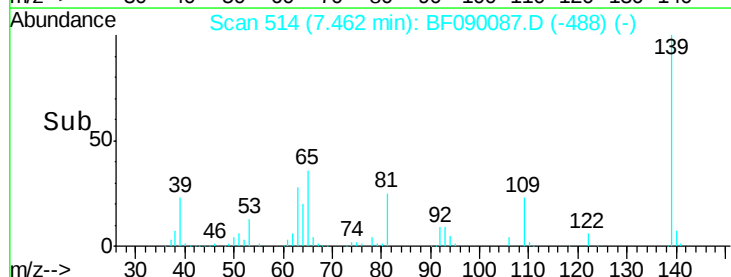
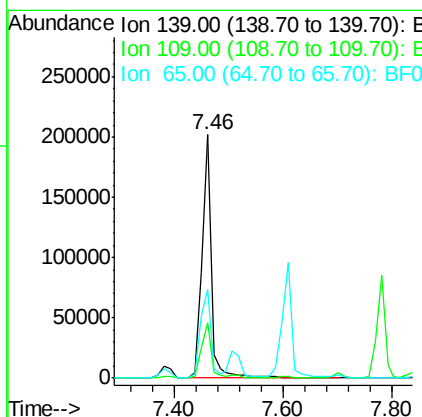
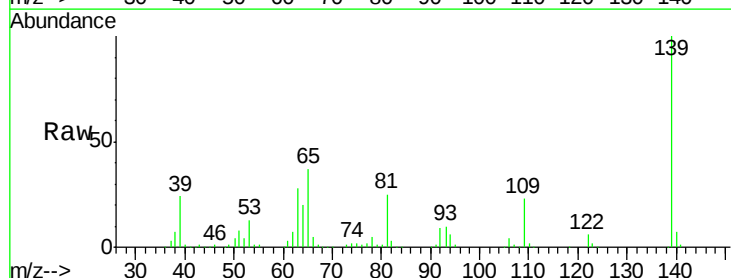
RT: 7.46 min Scan# 514

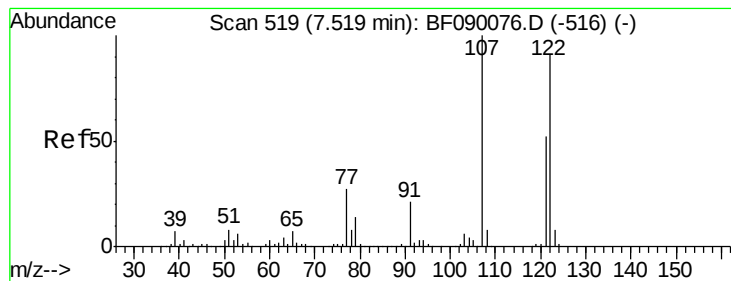
Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:	139	Resp:	235633
Ion Ratio		Lower	Upper
139	100		
109	22.9	20.5	30.7
65	36.7	37.9	56.9#





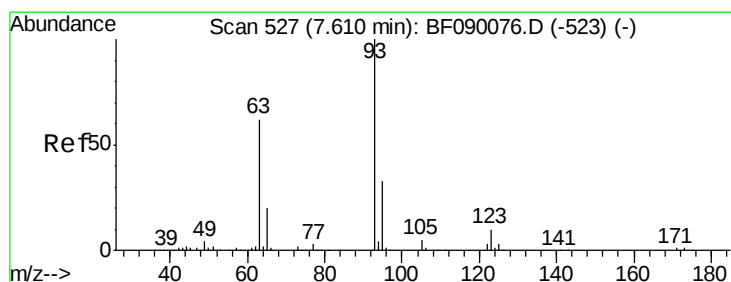
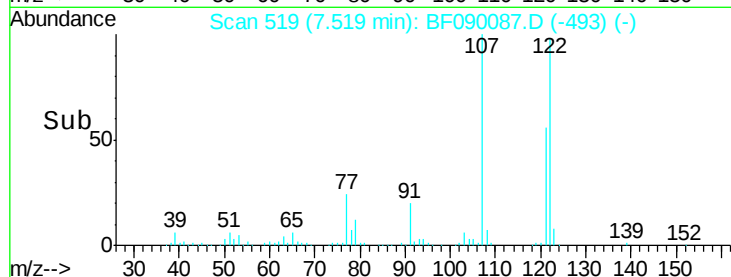
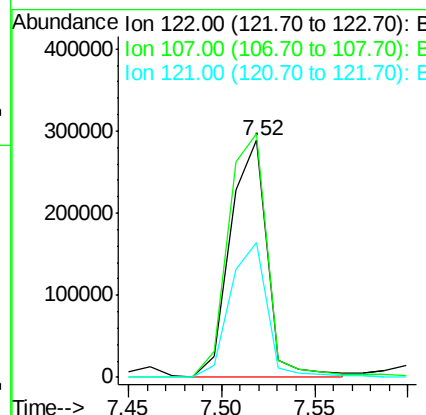
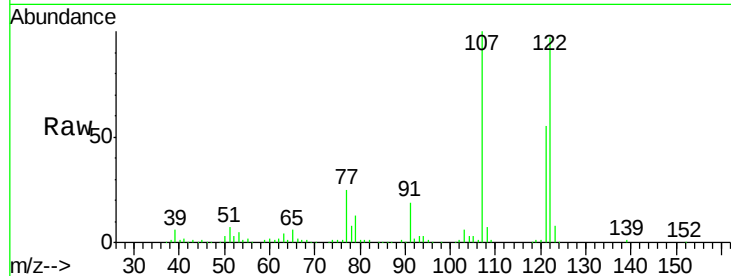
#27
 2,4-Dimethylphenol
 Concen: 41.72 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	397383		
107	102.7	87.8	131.6	
121	56.7	45.7	68.5	

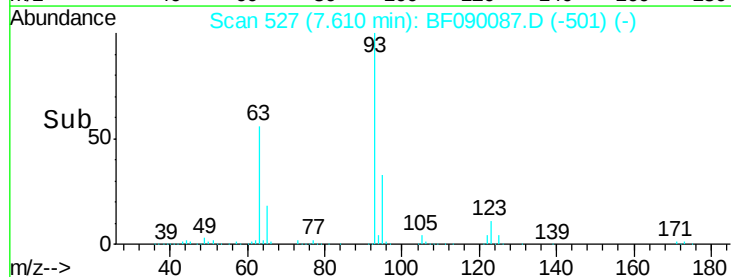
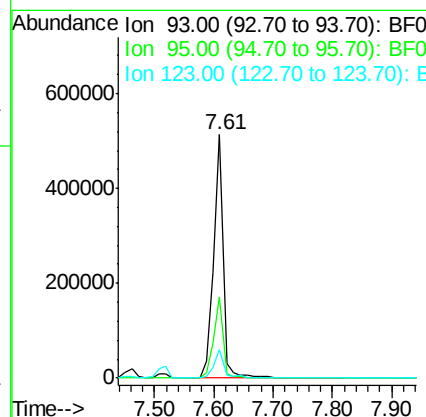
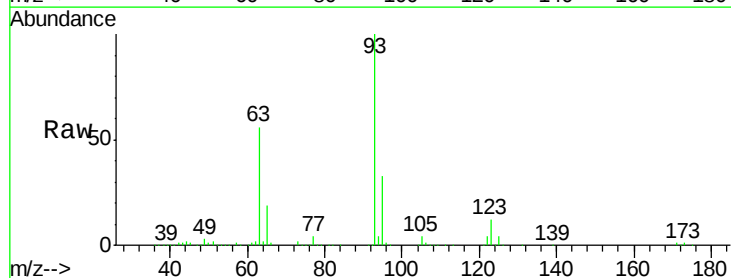
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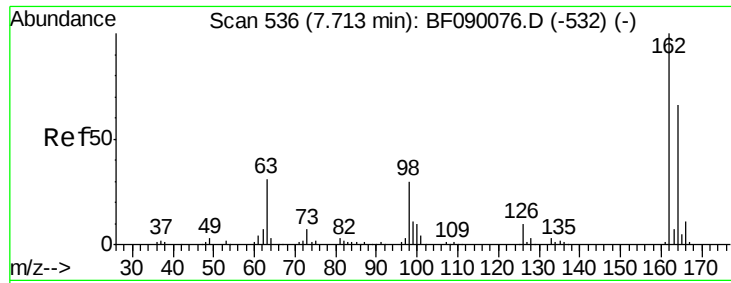
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.33 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	577046		
95	33.4	26.8	40.2	
123	11.6	8.5	12.7	





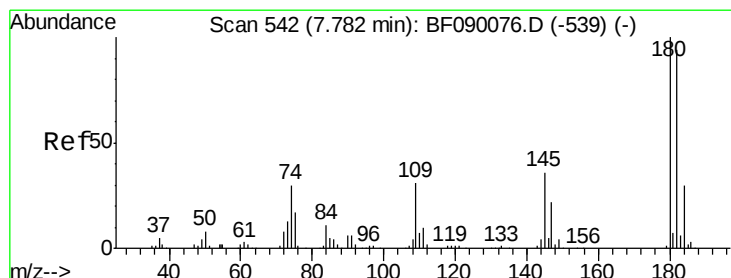
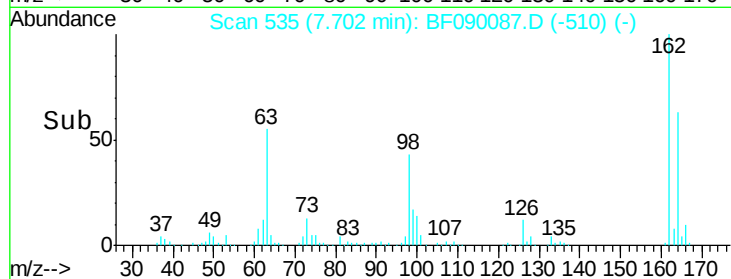
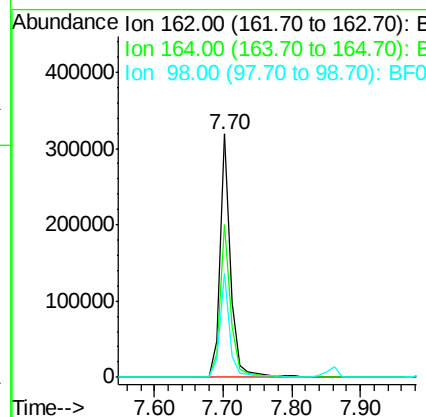
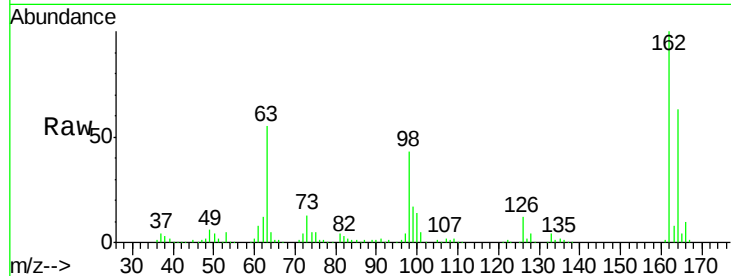
#29
 2,4-Dichlorophenol
 Concen: 41.65 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.5	46.2	86.2
98	42.7	10.4	50.4

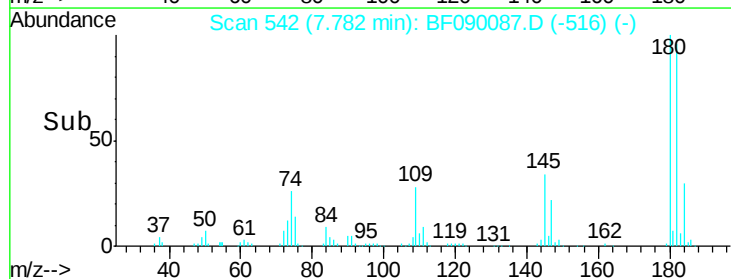
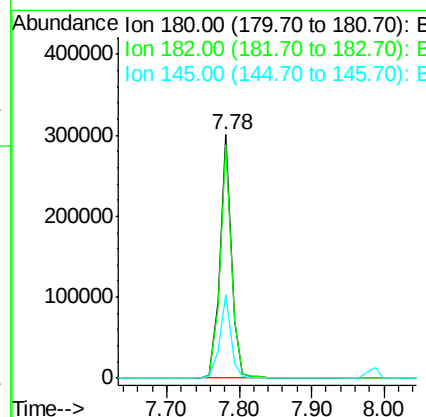
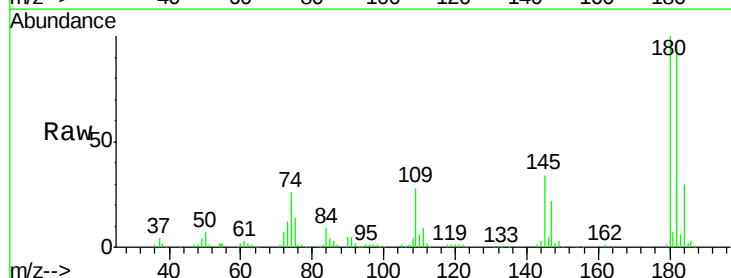
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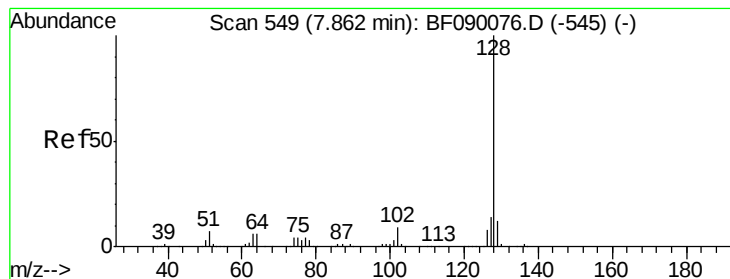
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.82 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	75.0	112.6
145	34.3	28.6	42.8





#31

Naphthalene

Concen: 44.05 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

Tgt Ion:128 Resp: 1290498

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

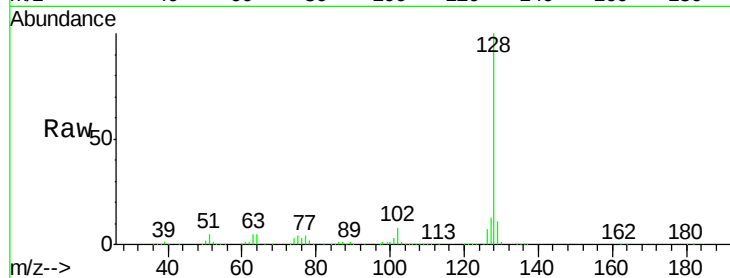
127 13.3 10.8 16.2

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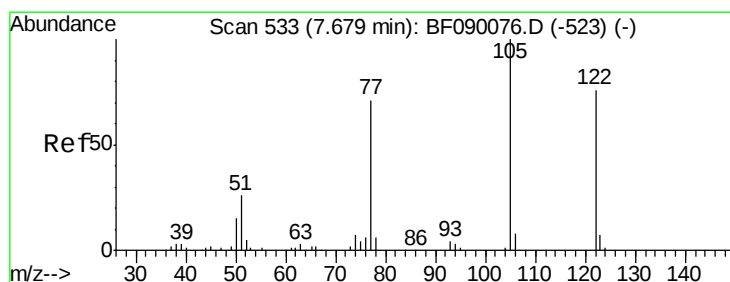
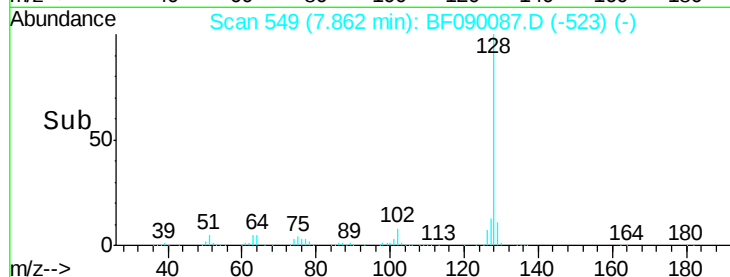
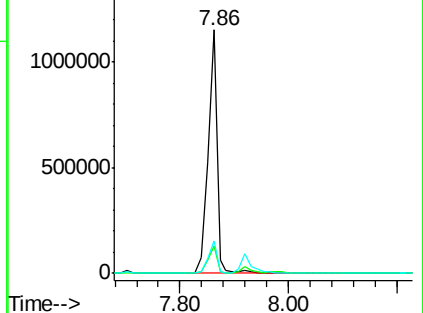
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.61 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

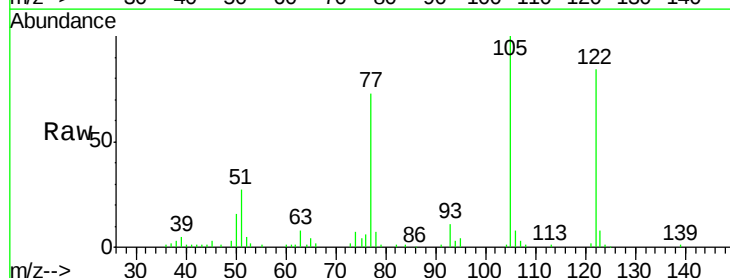
Tgt Ion:122 Resp: 136934

Ion Ratio Lower Upper

122 100

105 119.4 105.0 145.0

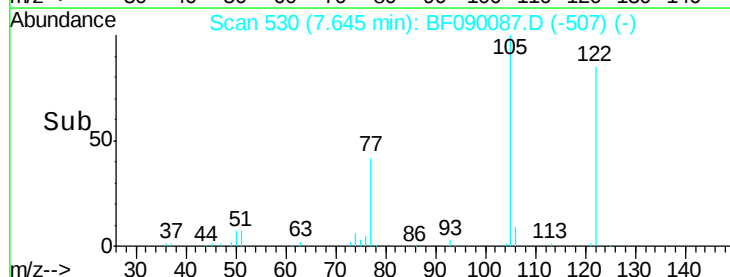
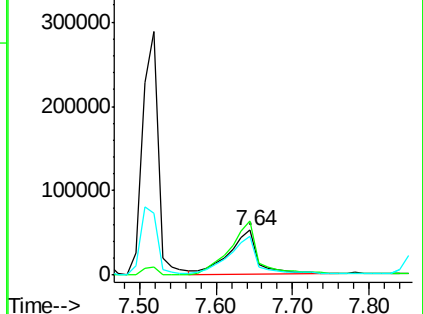
77 86.8 70.4 110.4

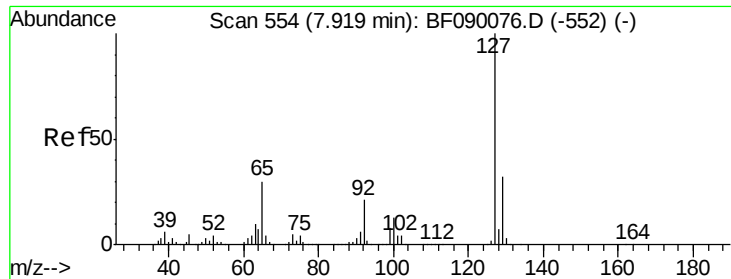


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





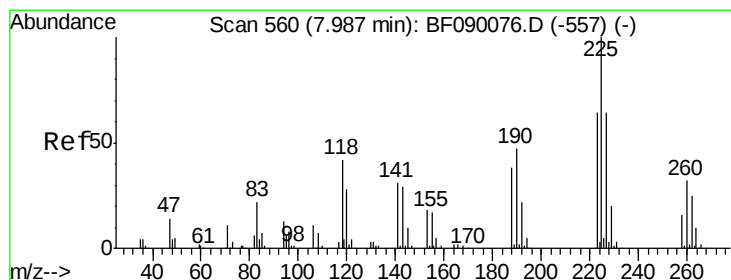
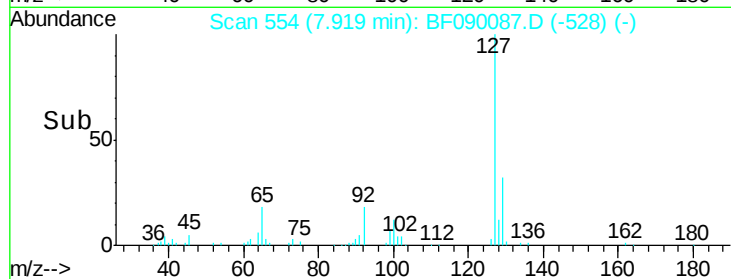
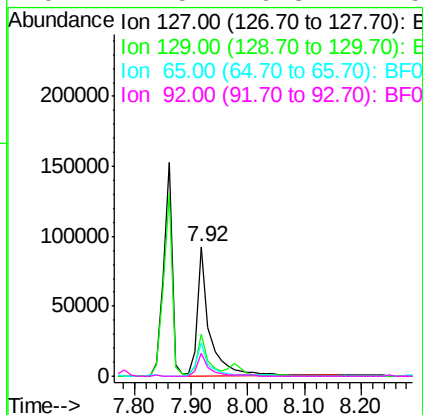
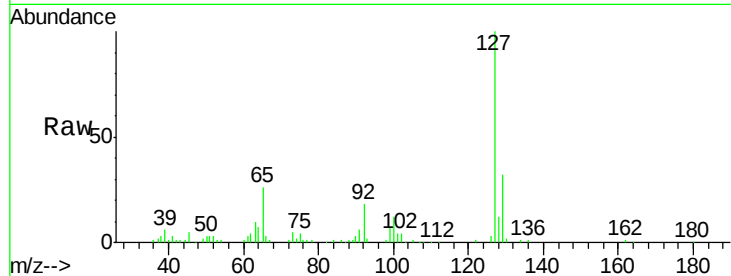
#33
4-Chloroaniline
Concen: 10.98 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.8	38.6	
65	25.7	24.1	36.1	
92	17.5	16.3	24.5	

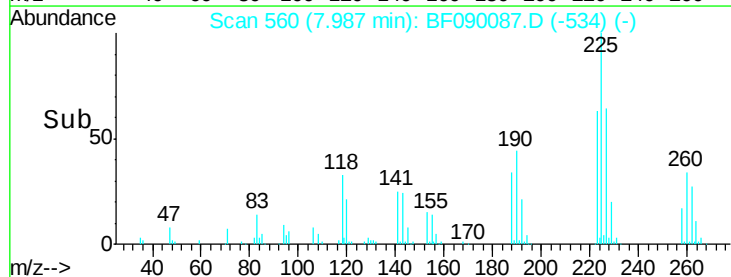
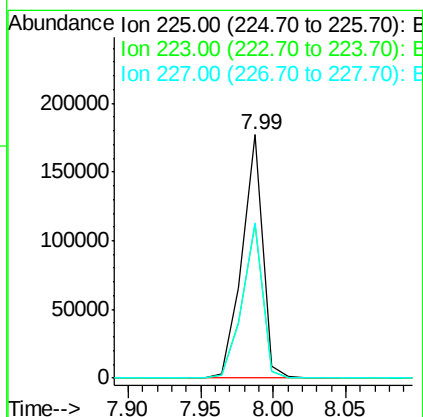
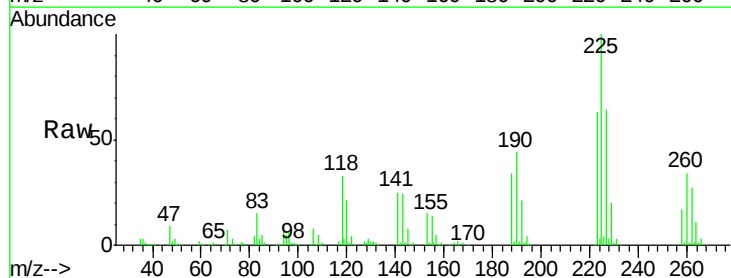
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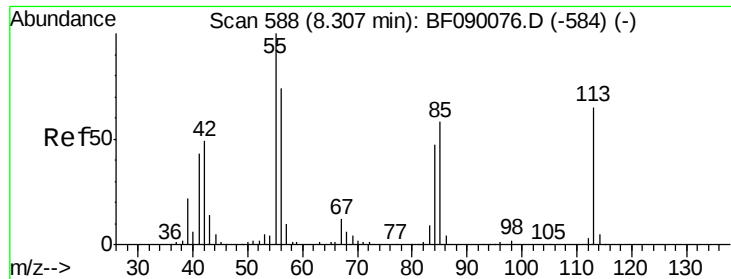
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#34
Hexachlorobutadiene
Concen: 41.28 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	51.3	76.9	
227	63.9	51.4	77.0	





#35

Caprolactam

Concen: 47.57 ng m

RT: 8.28 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

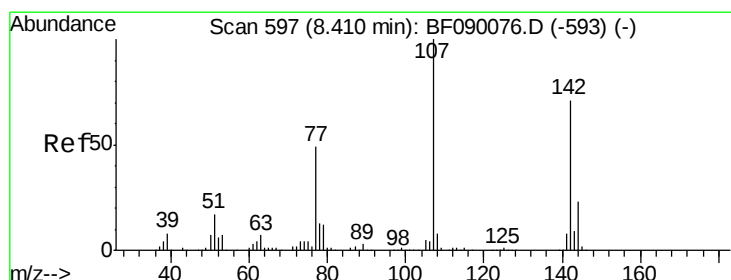
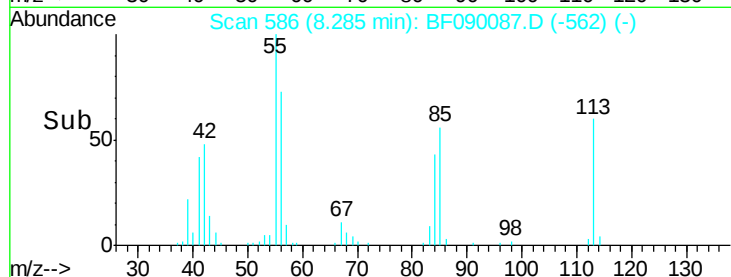
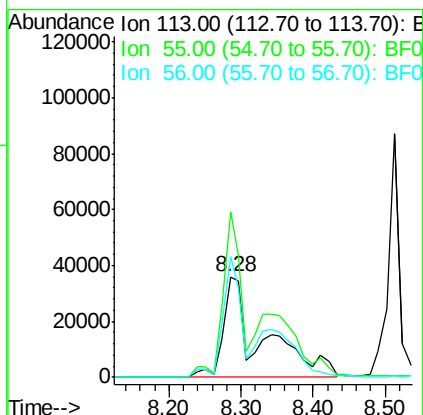
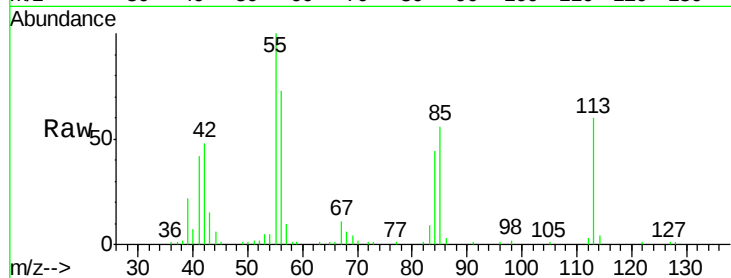
ClientSampleId :

PB93381BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	165.4	134.5	174.5
56	120.2	93.7	133.7

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#36

4-Chloro-3-methylphenol

Concen: 40.82 ng

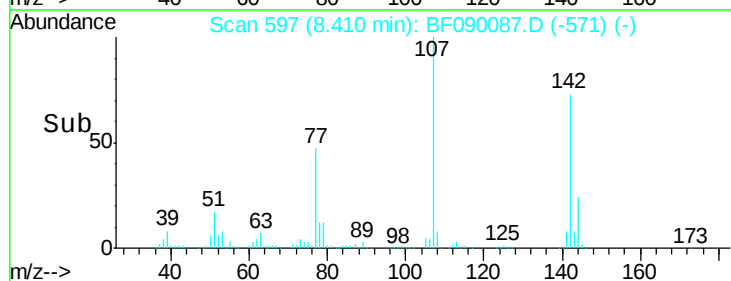
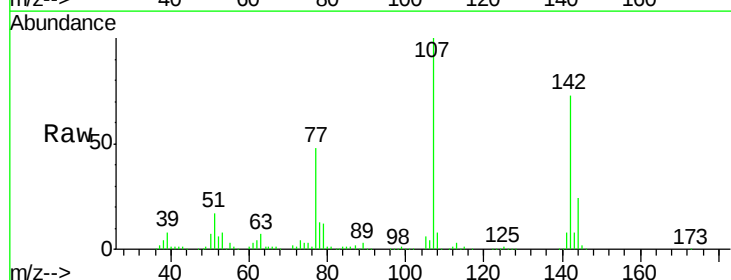
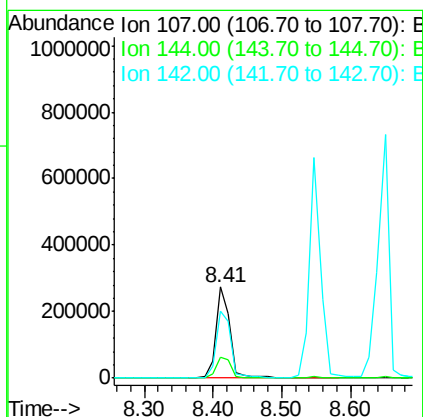
RT: 8.41 min Scan# 597

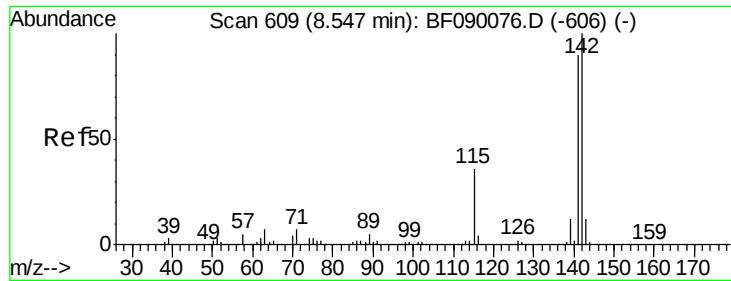
Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.6	27.8
142	73.4	57.0	85.6





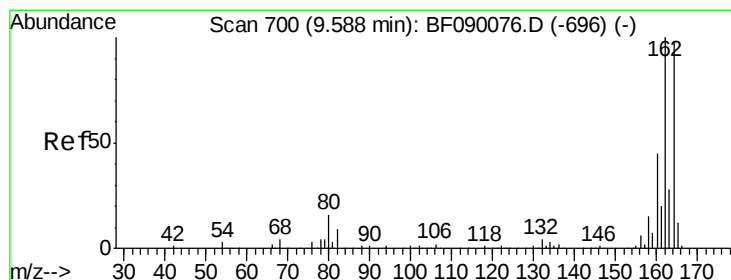
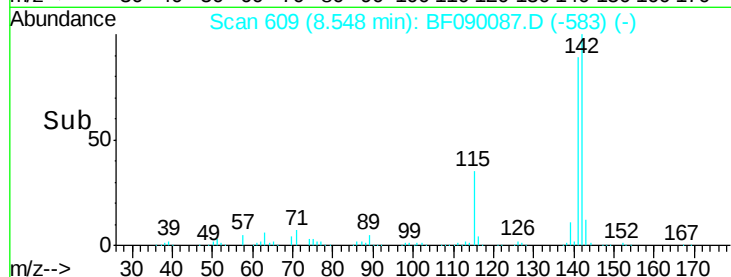
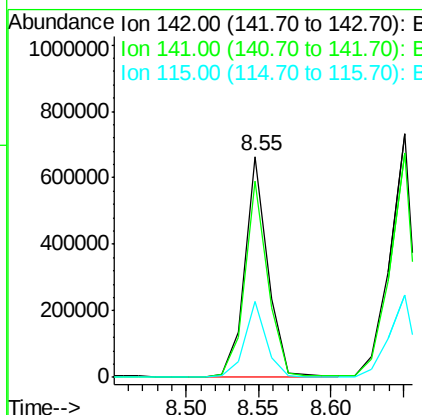
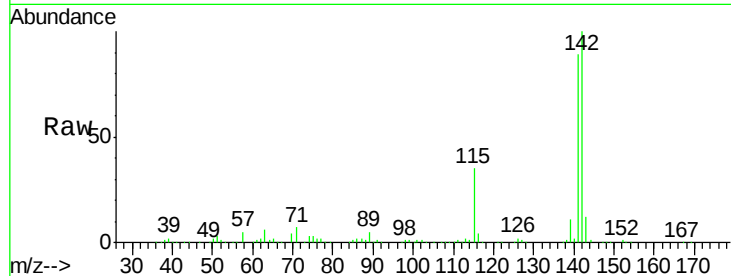
#37
2-Methylnaphthalene
Concen: 40.65 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	34.5	28.3	42.5

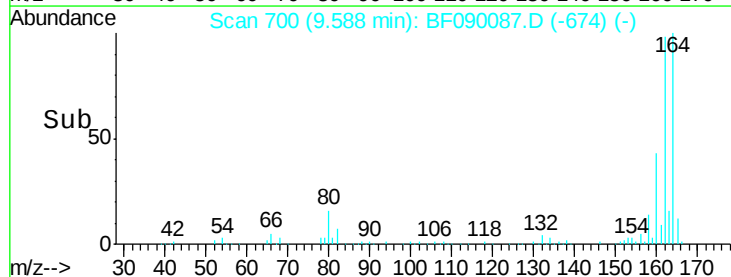
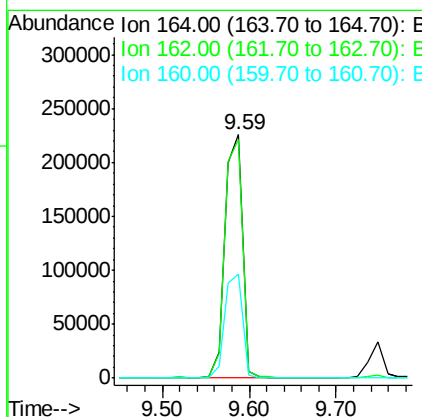
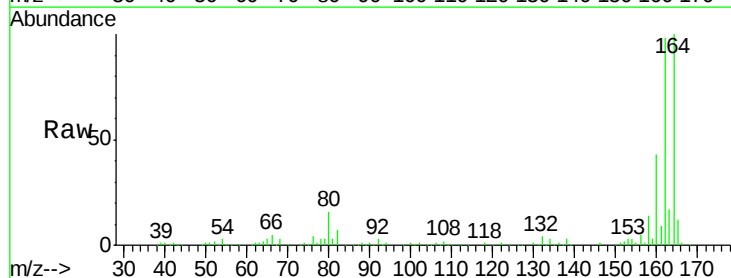
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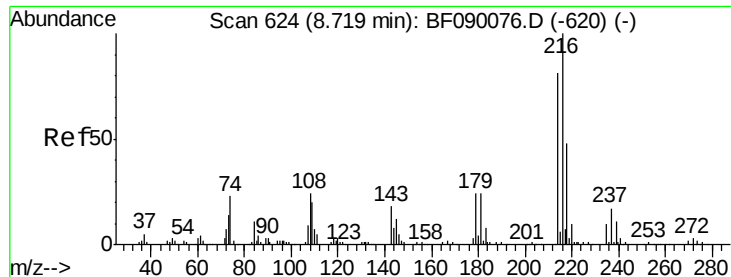
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.4	122.2
160	42.7	36.6	54.8





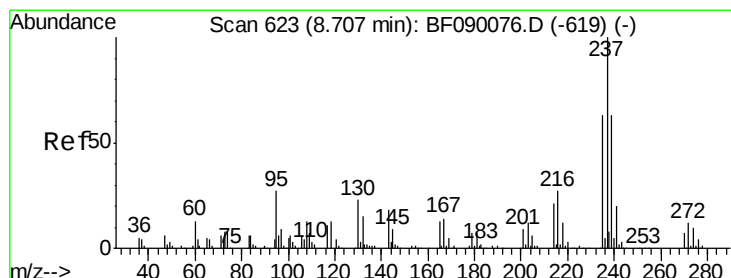
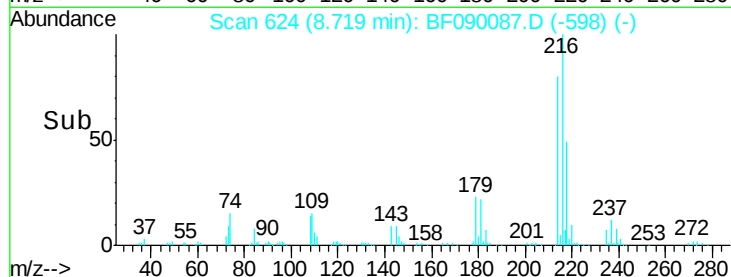
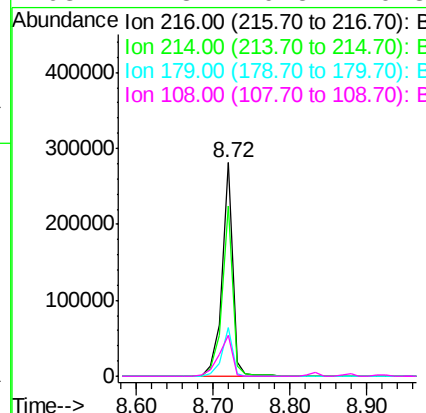
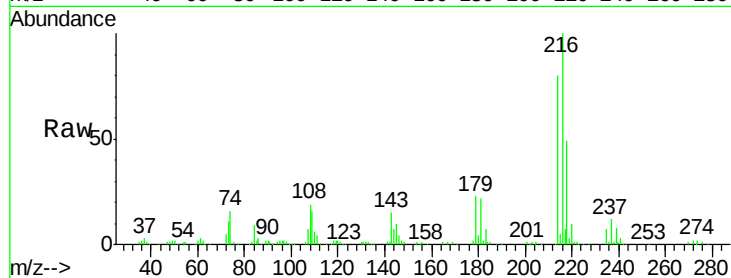
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.89 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion:	216	Resp:	268462
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.7	95.5
179	22.7	18.5	27.7
108	24.8	19.5	29.3

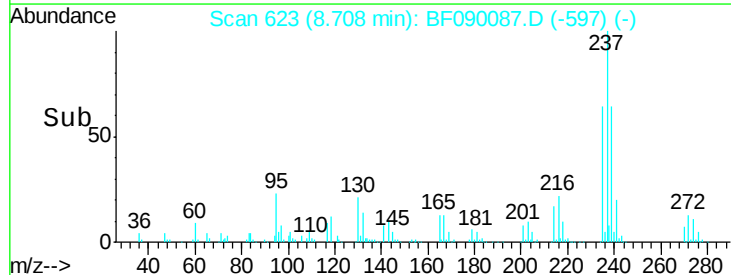
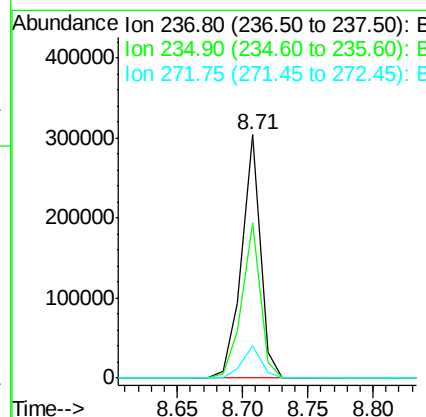
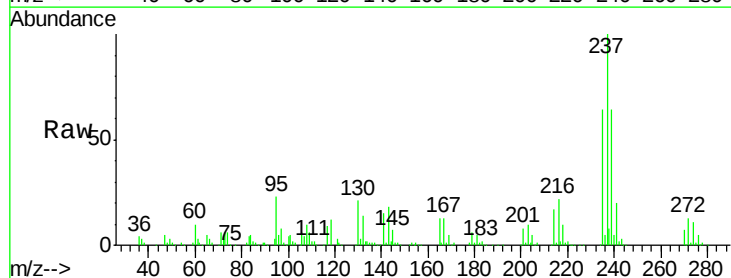
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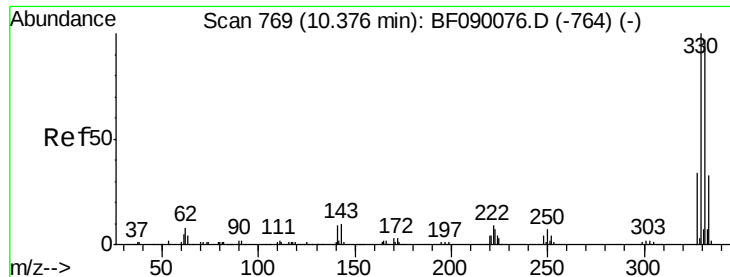
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#40
 Hexachlorocyclopentadiene
 Concen: 71.11 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion:	237	Resp:	301675
Ion Ratio		Lower	Upper
237	100		
235	63.8	42.5	82.5
272	13.2	0.0	32.0





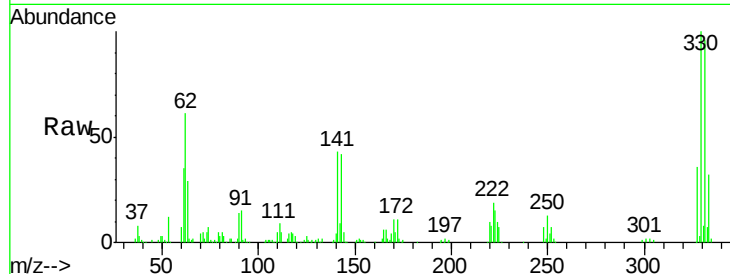
#41
 2,4,6-Tribromophenol
 Concen: 99.25 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

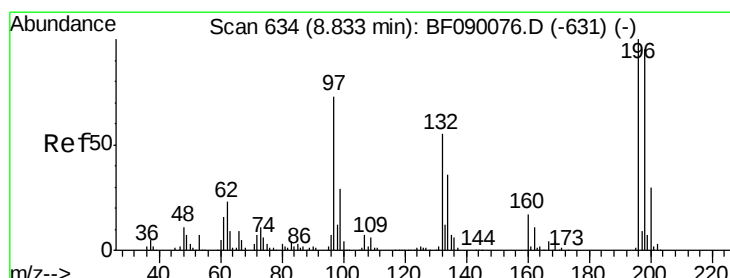
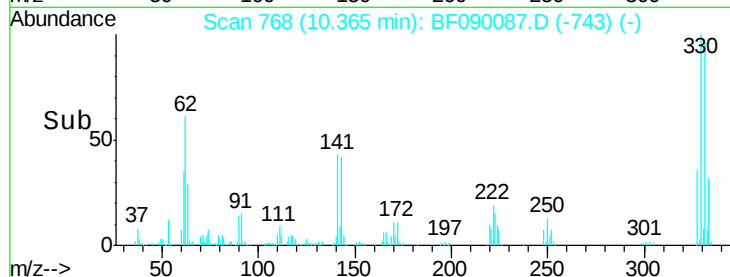
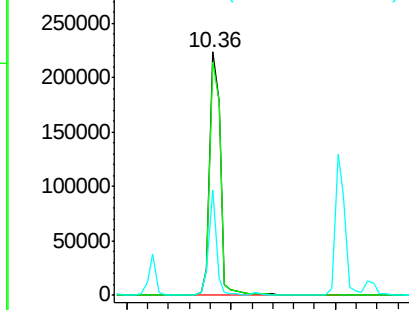
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	316504		
332	97.4	78.1	117.1	
141	30.6	23.9	35.9	

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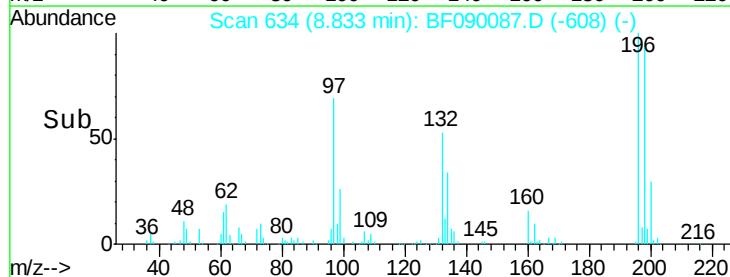
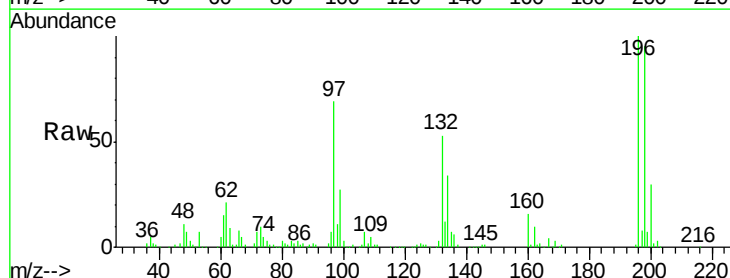
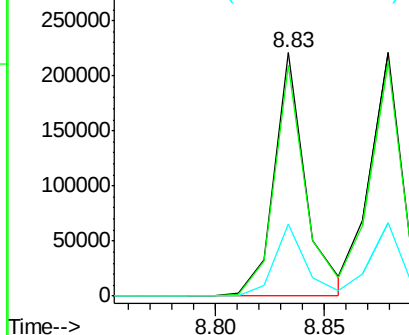
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

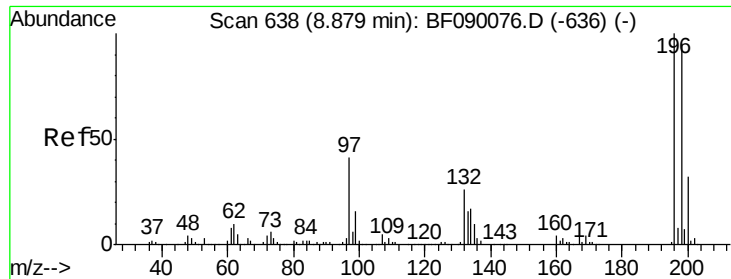


#42
 2,4,6-Trichlorophenol
 Concen: 37.56 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222231		
198	94.8	76.3	114.5	
200	29.6	24.1	36.1	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





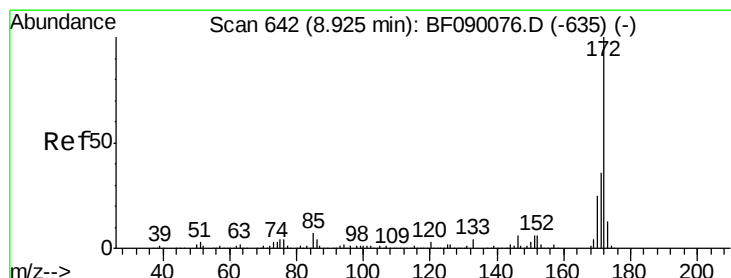
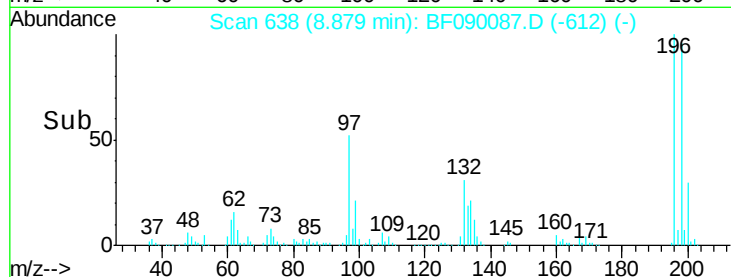
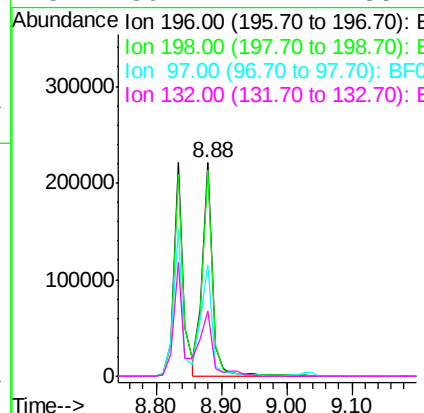
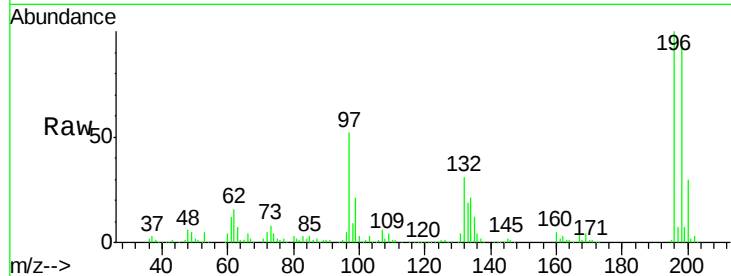
#43
 2,4,5-Trichlorophenol
 Concen: 37.00 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235469		
198	96.4	76.6	114.8	
97	52.2	34.4	51.6	
132	30.7	22.2	33.2	

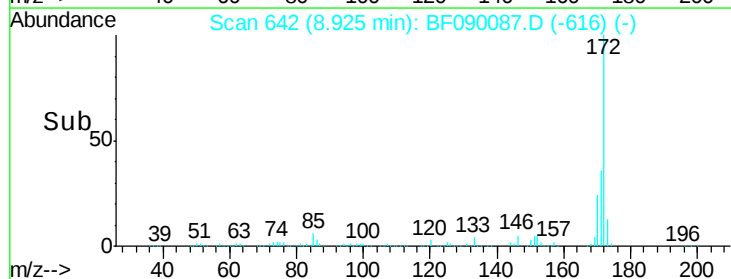
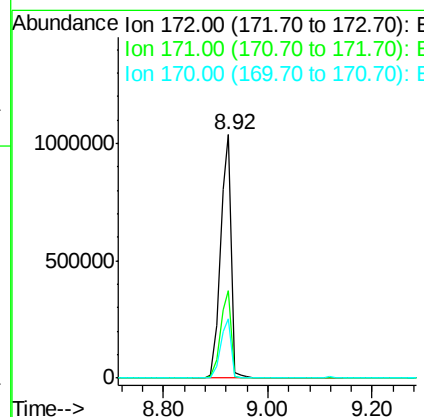
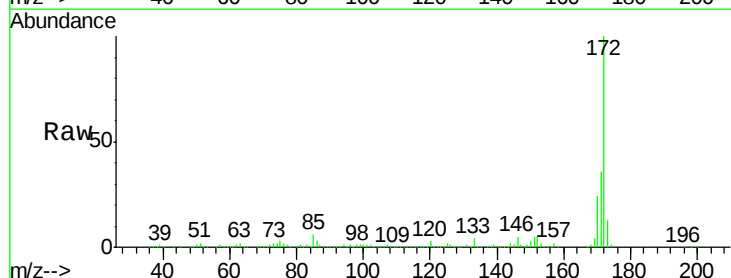
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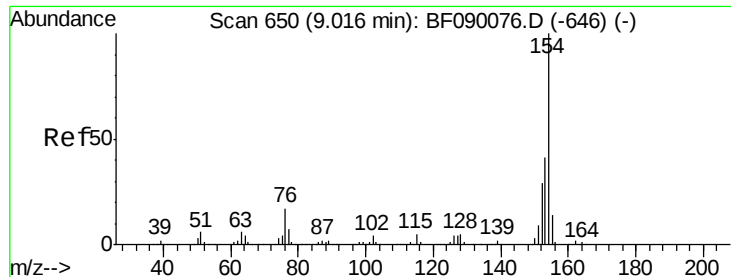
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#44
 2-Fluorobiphenyl
 Concen: 72.77 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1471153		
171	35.7	29.2	43.8	
170	24.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 32.76 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

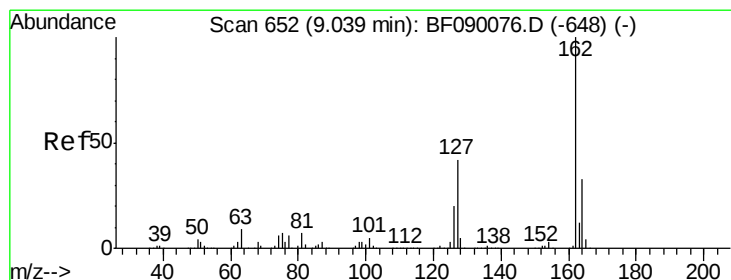
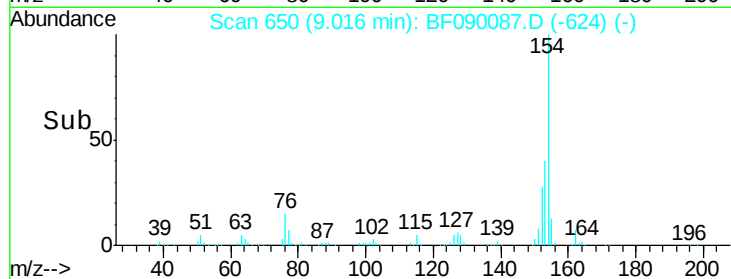
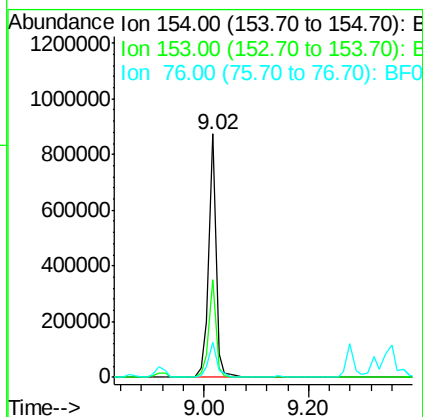
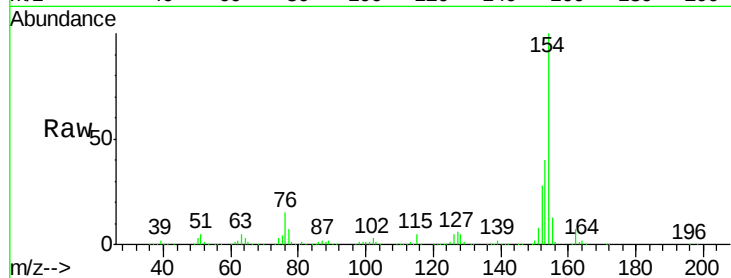
ClientSampleId :

PB93381BSD

Tgt Ion:	154	Resp:	851142
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.6	60.6
76	14.6	0.0	36.7

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#46

2-Chloronaphthalene

Concen: 39.28 ng

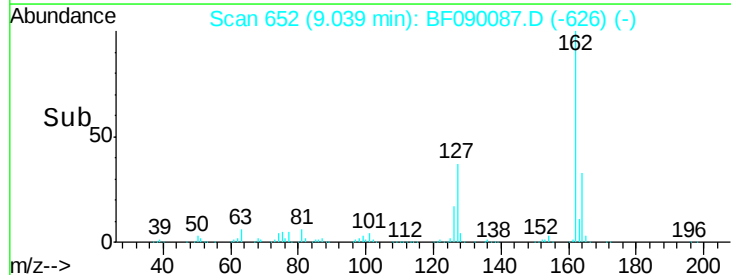
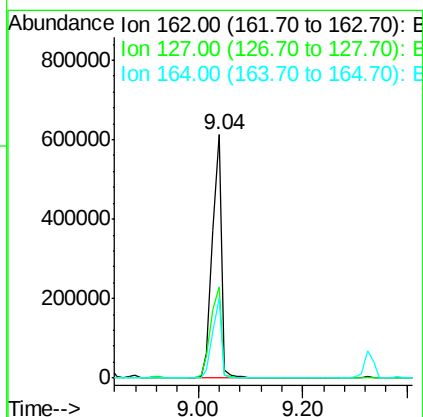
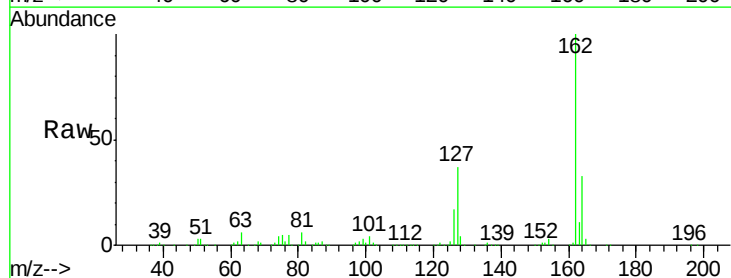
RT: 9.04 min Scan# 652

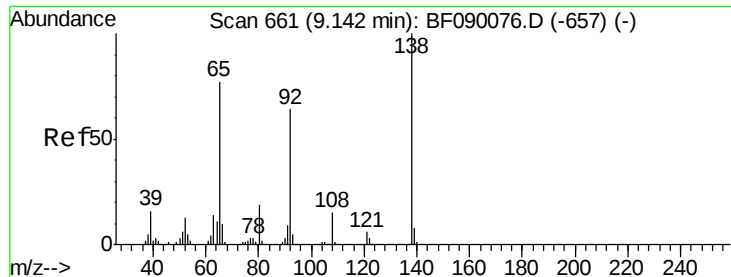
Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:	162	Resp:	756031
Ion Ratio	Lower	Upper	
162	100		
127	37.3	34.0	51.0
164	33.0	26.8	40.2





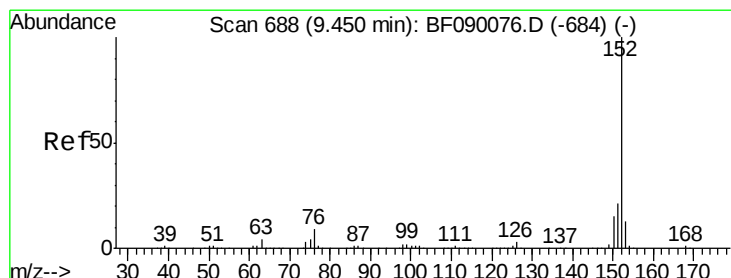
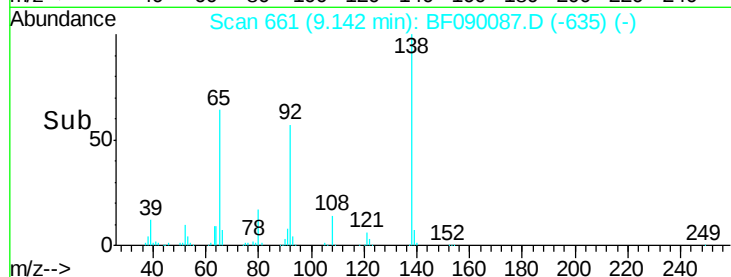
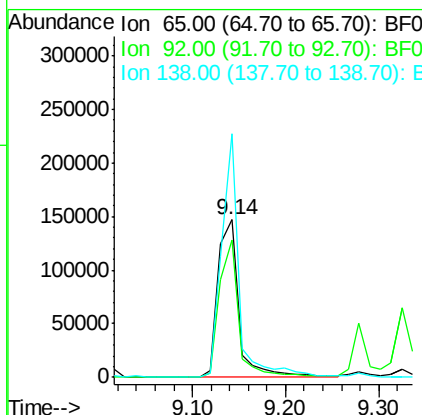
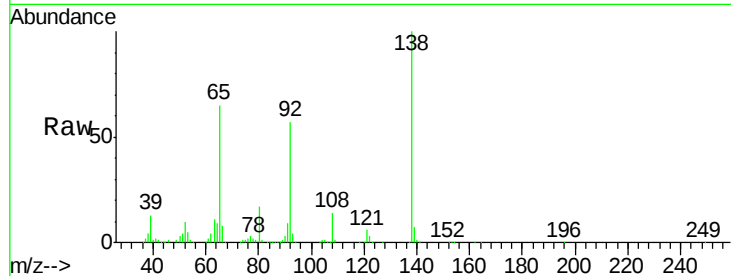
#47
2-Nitroaniline
Concen: 37.78 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	87.2	66.1	99.1
138	154.3	104.1	156.1

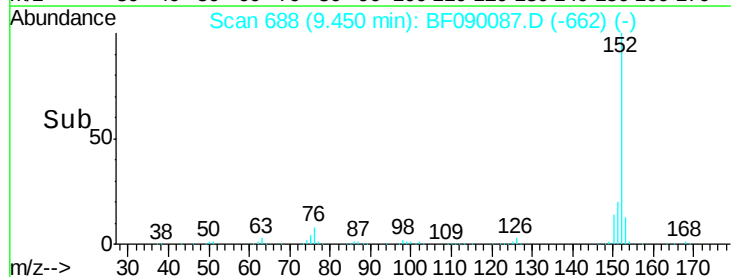
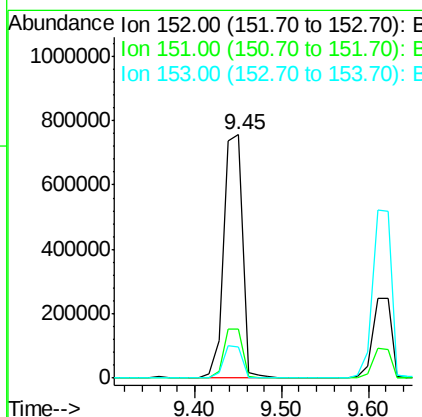
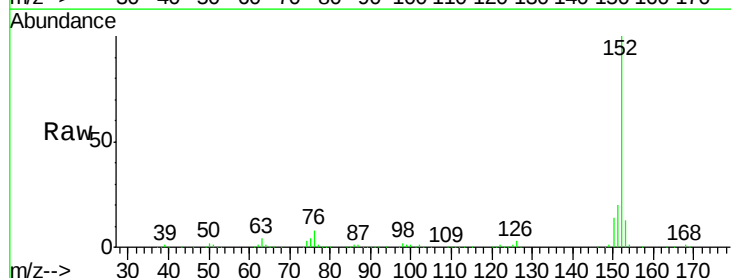
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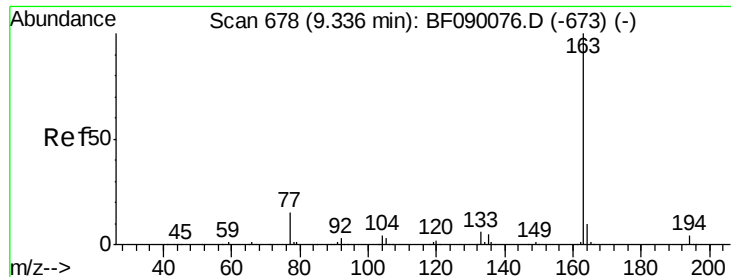
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#48
Acenaphthylene
Concen: 35.31 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	12.7	10.6	15.8





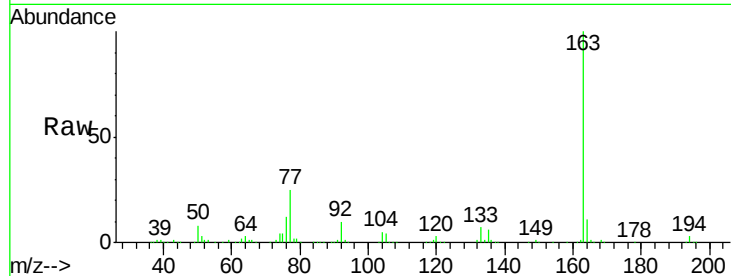
#49
Dimethylphthalate
Concen: 35.61 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

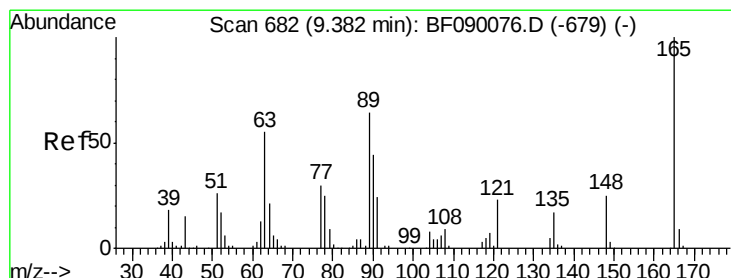
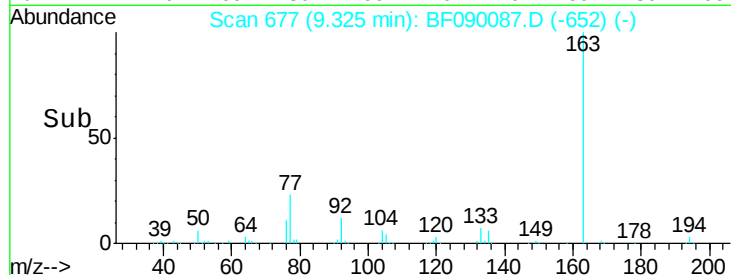
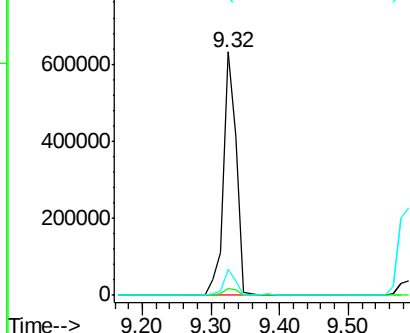
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	839813		
194	3.0	2.8	4.2	
164	11.0	8.1	12.1	

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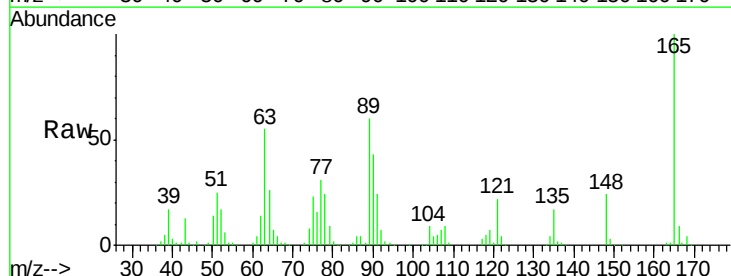


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

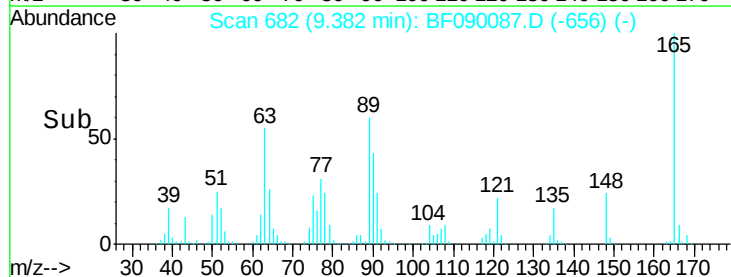
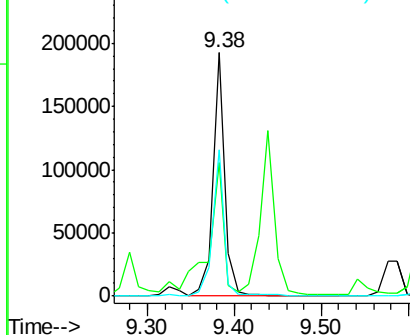


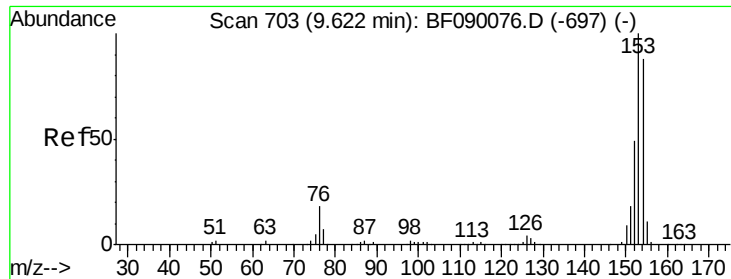
#50
2,6-Dinitrotoluene
Concen: 35.01 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	184497		
63	54.9	49.9	74.9	
89	60.2	51.0	76.4	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.84 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

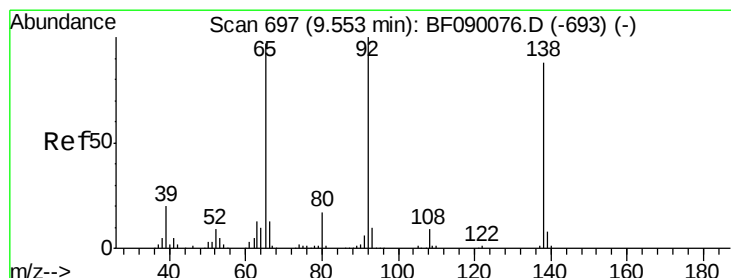
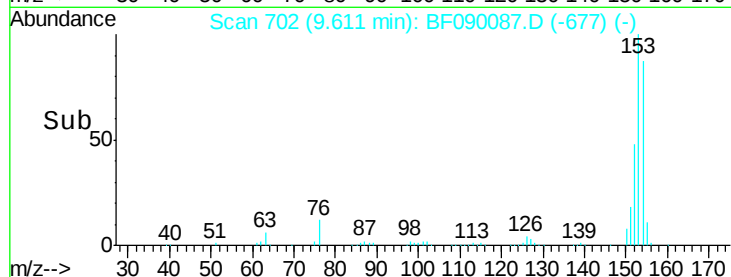
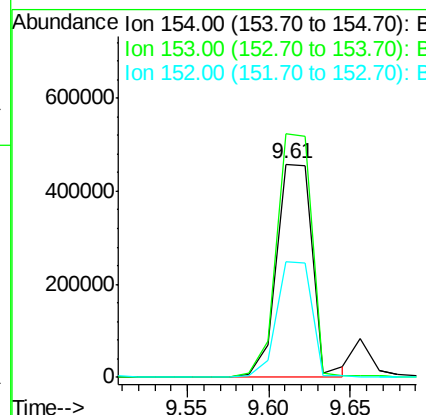
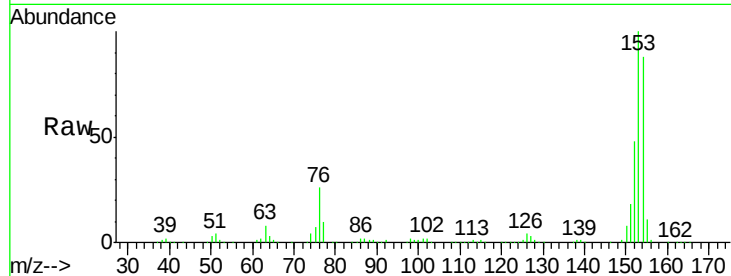
ClientSampleId :

PB93381BSD

Tgt Ion:	154	Resp:	701254
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.8	136.2
152	54.4	44.2	66.4

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#52

3-Nitroaniline

Concen: 17.82 ng

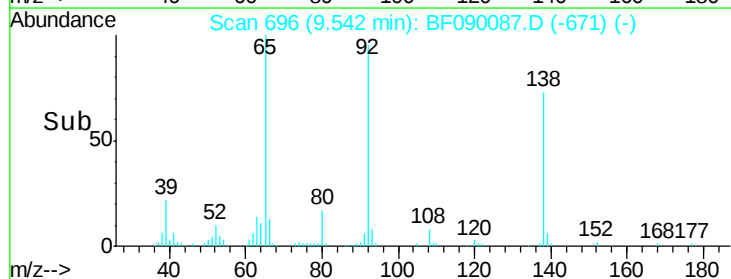
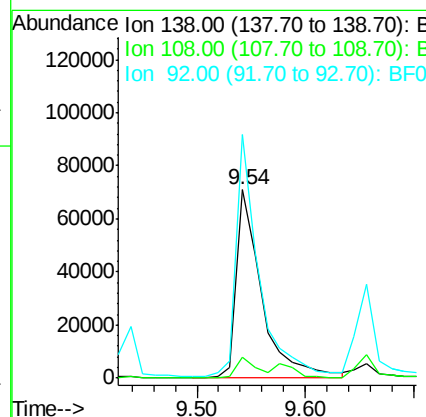
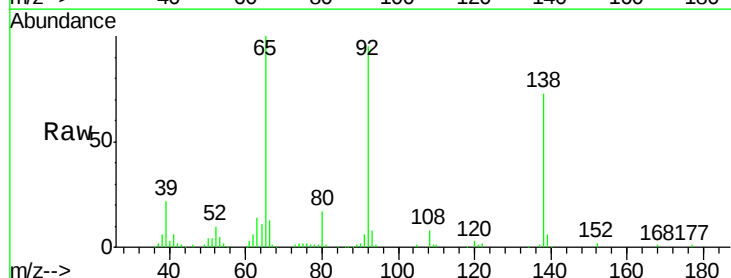
RT: 9.54 min Scan# 696

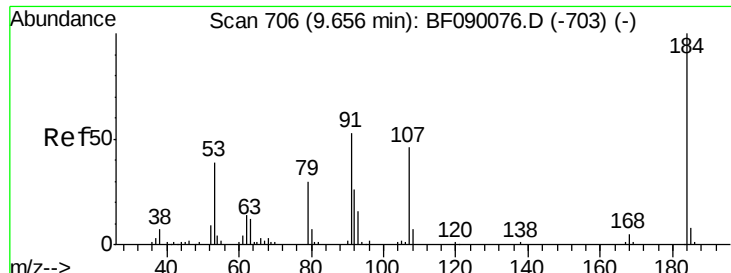
Delta R.T. -0.01 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:	138	Resp:	114280
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	129.4	90.7	136.1





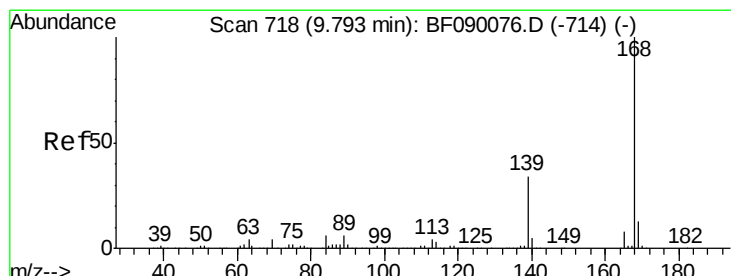
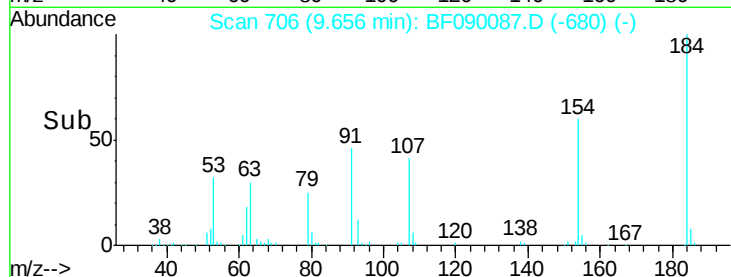
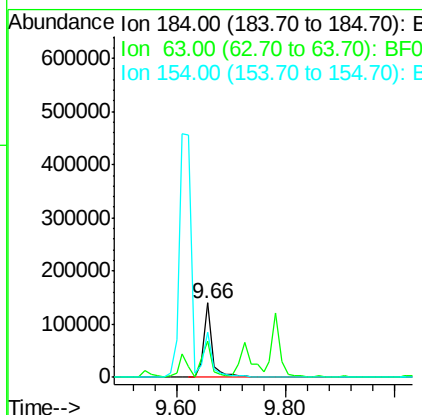
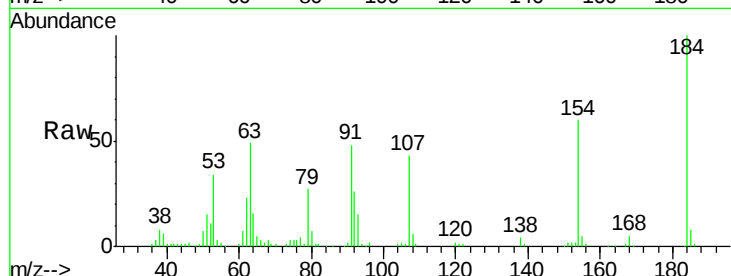
#53
 2,4-Dinitrophenol
 Concen: 53.44 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	153110		
63	49.4	44.6	67.0	
154	60.2	49.7	74.5	

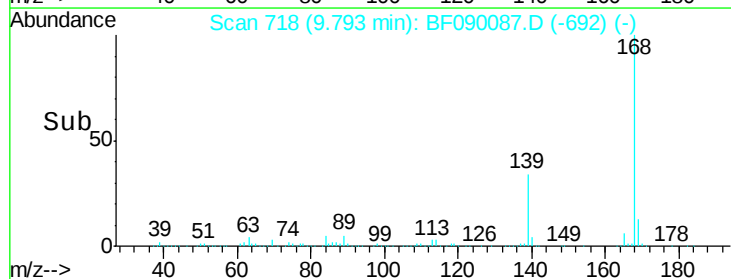
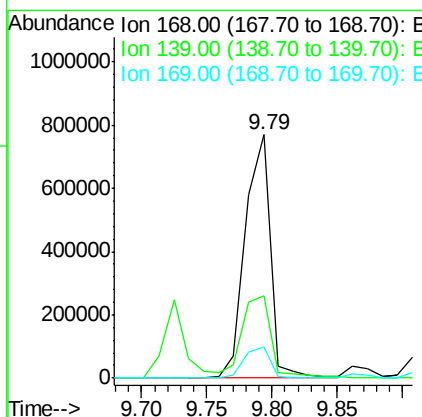
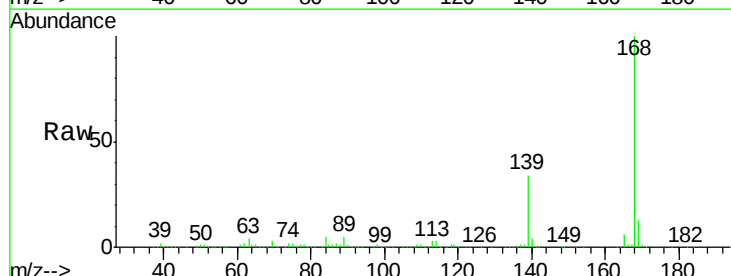
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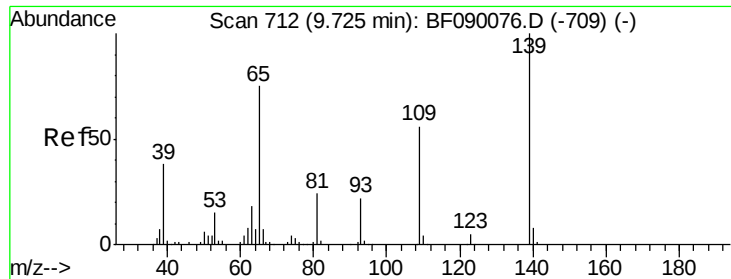
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#54
 Dibenzofuran
 Concen: 41.27 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1030428		
139	33.9	28.8	43.2	
169	13.0	10.7	16.1	





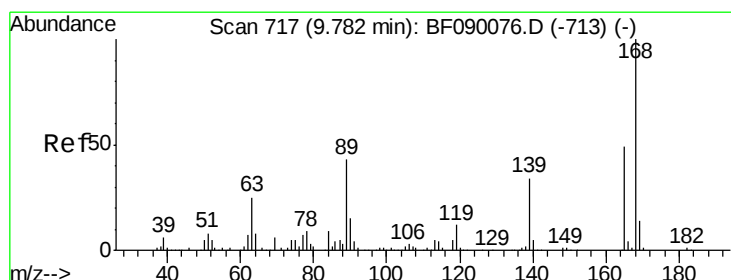
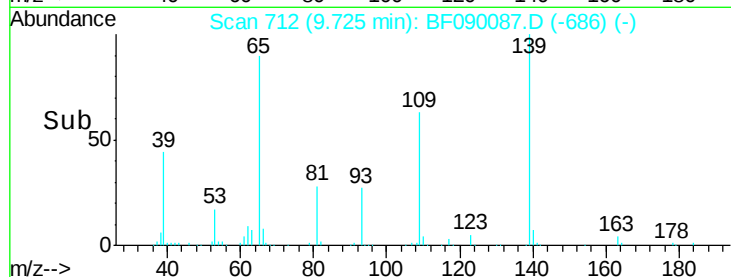
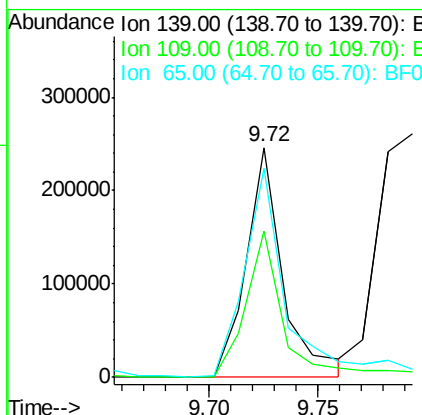
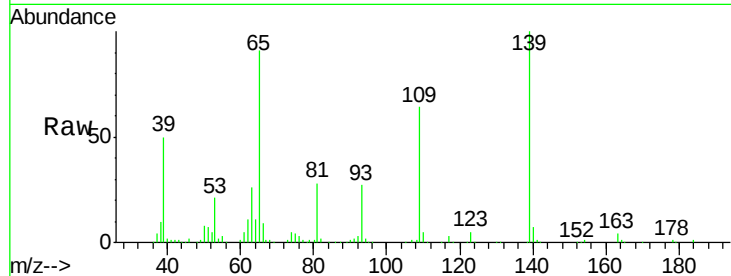
#55
4-Nitrophenol
Concen: 64.35 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	290333		
109	63.6	35.6	75.6	
65	90.8	55.5	95.5	

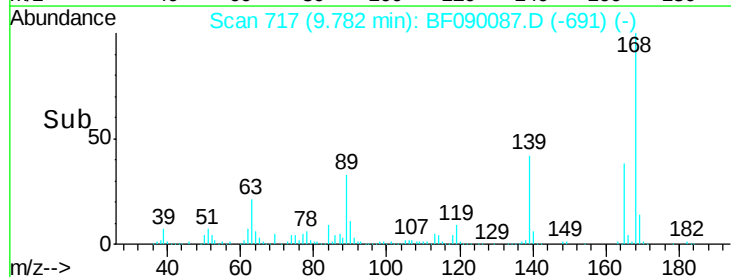
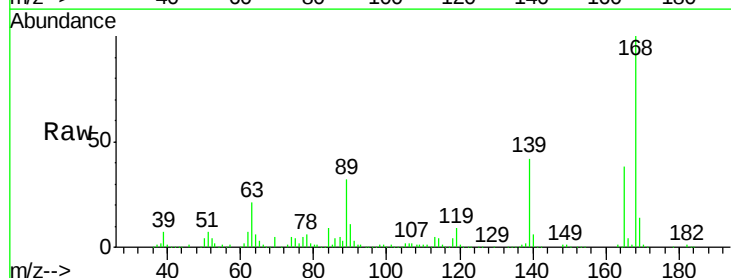
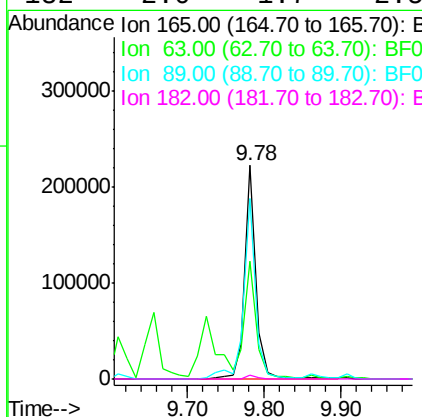
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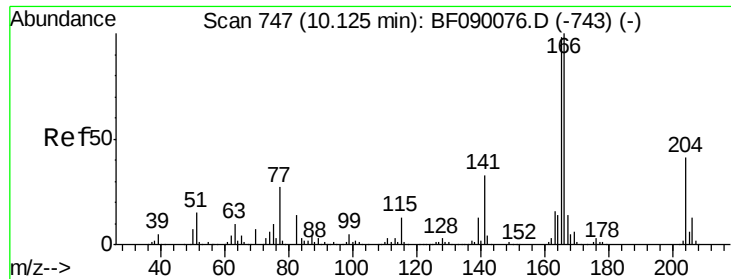
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#56
2,4-Dinitrotoluene
Concen: 35.52 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	228191		
63	55.0	44.4	66.6	
89	84.7	70.1	105.1	
182	2.0	1.7	2.5	





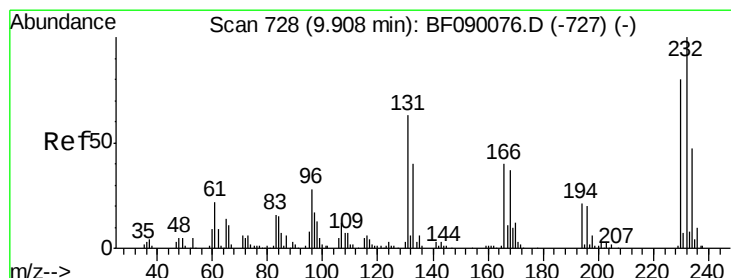
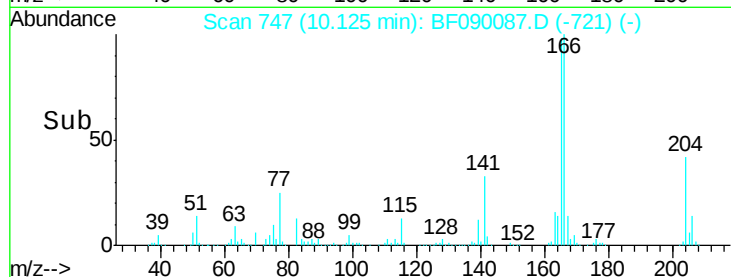
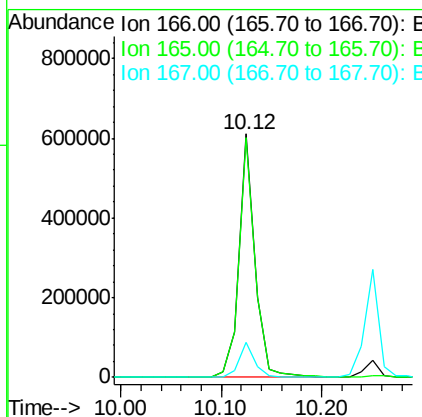
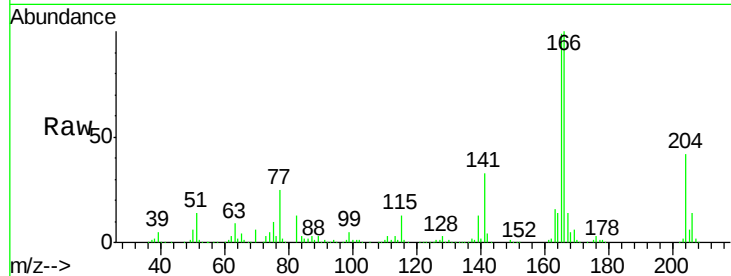
#57
Fluorene
 Concen: 34.47 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	675852		
165	98.7	78.5	117.7	
167	14.3	11.2	16.8	

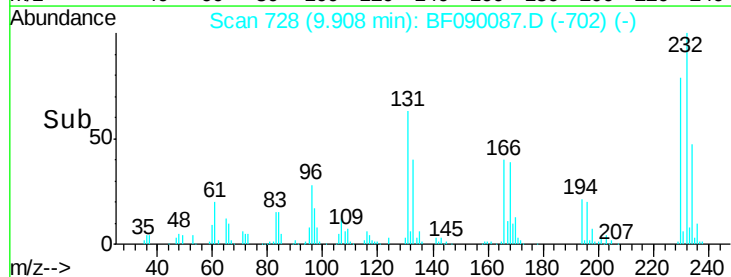
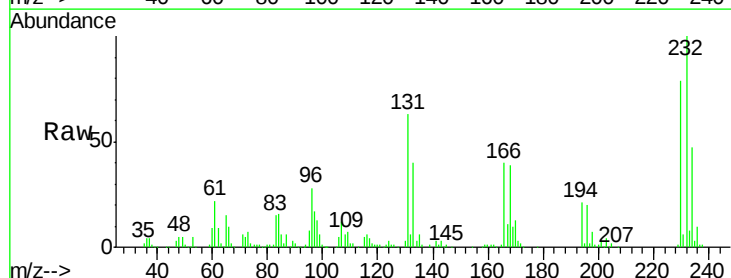
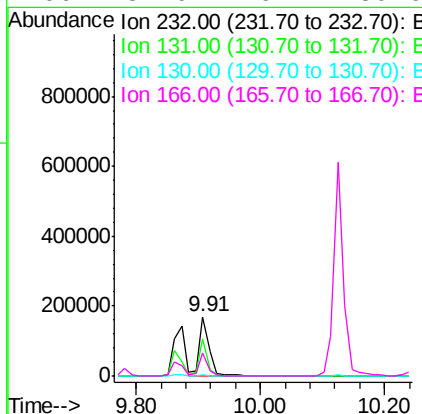
Manual Integrations
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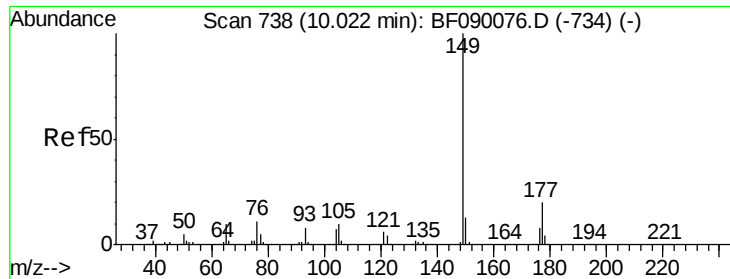
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 9/16/2016 11:34:59 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.87 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	193532		
131	52.6	42.2	63.4	
130	2.4	1.9	2.9	
166	32.9	26.4	39.6	





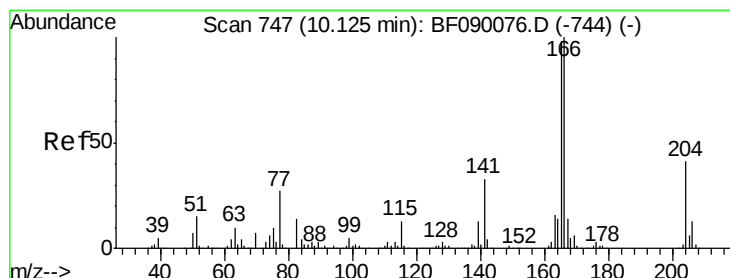
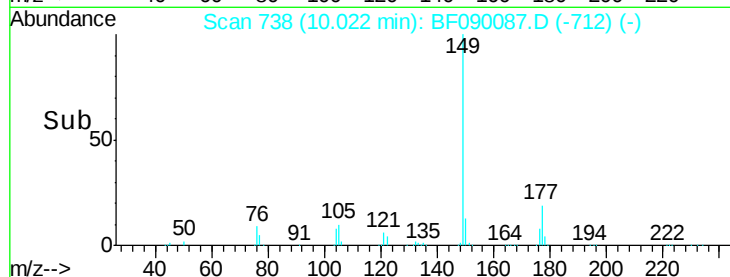
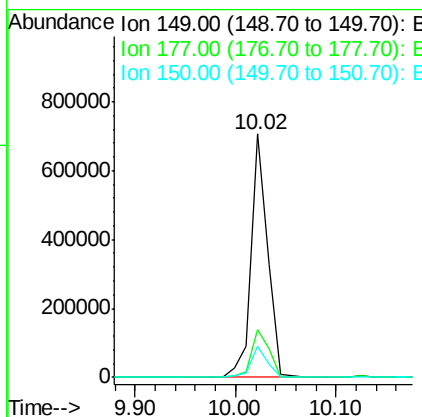
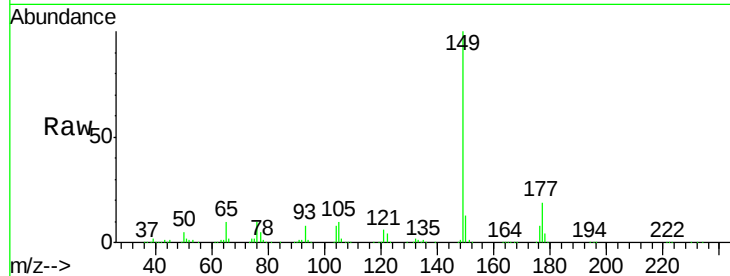
#59
Diethylphthalate
Concen: 35.17 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	802941		
177	19.4	15.8	23.6	
150	12.8	10.4	15.6	

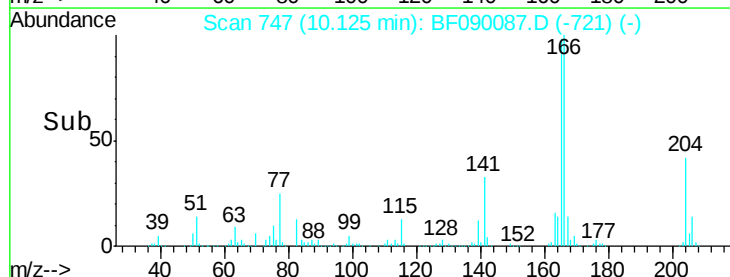
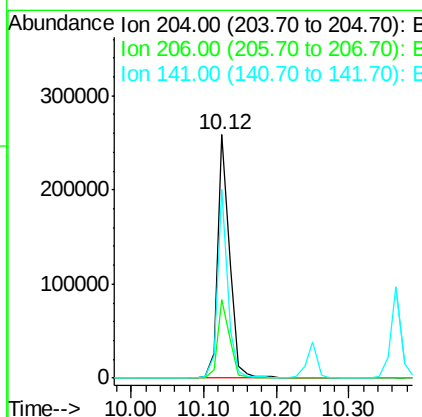
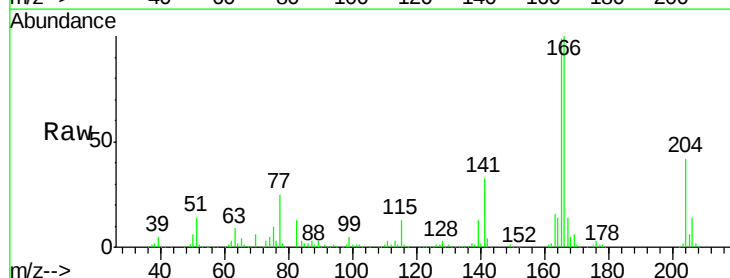
Manual Integrations
APPROVED

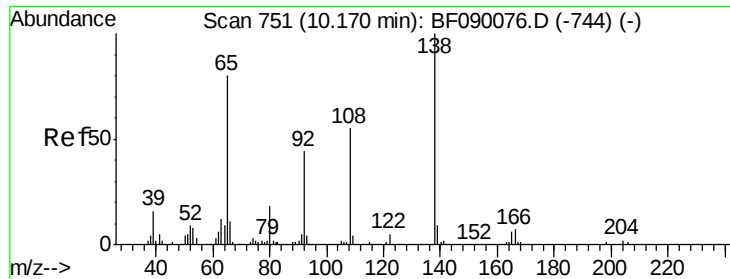
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#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	293425		
206	32.2	25.6	38.4	
141	77.3	64.4	96.6	





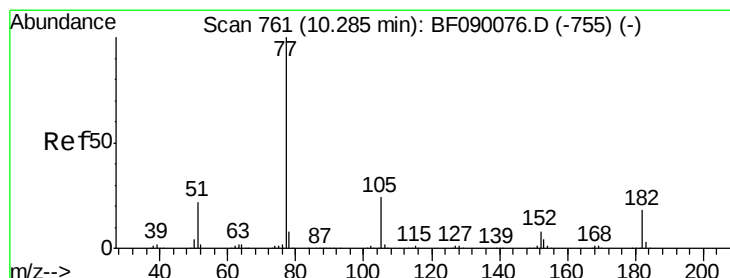
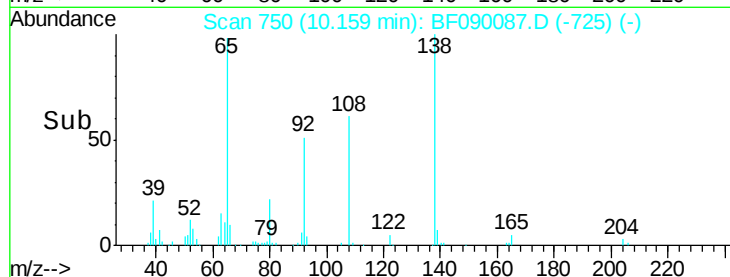
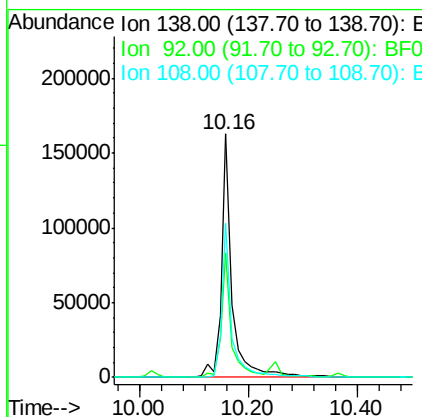
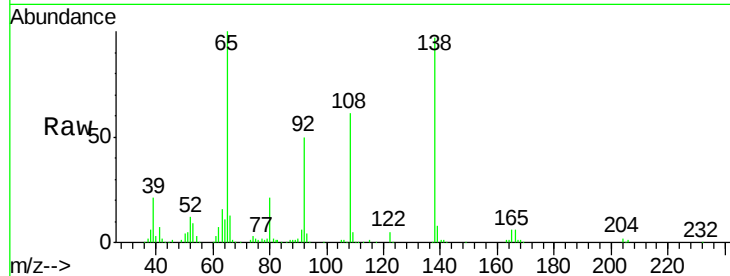
#61
4-Nitroaniline
Concen: 34.96 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	226913		
92	51.1	23.8	63.8	
108	63.0	35.0	75.0	

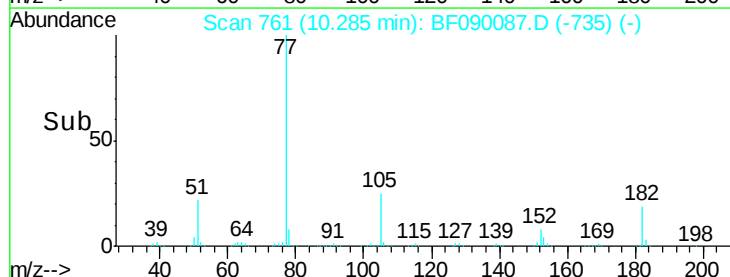
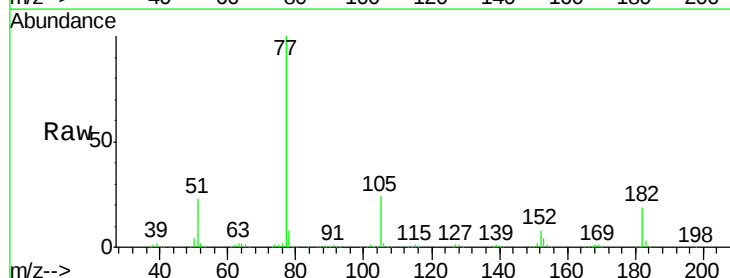
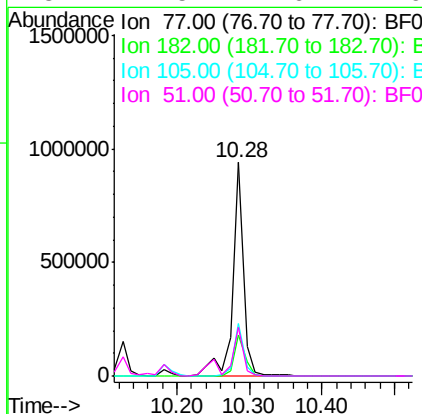
Manual Integrations
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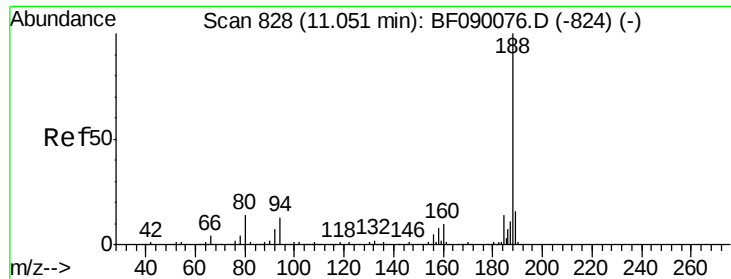
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#62
Azobenzene
Concen: 40.30 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	965458		
182	19.1	0.0	38.4	
105	24.5	3.8	43.8	
51	22.5	2.6	42.6	





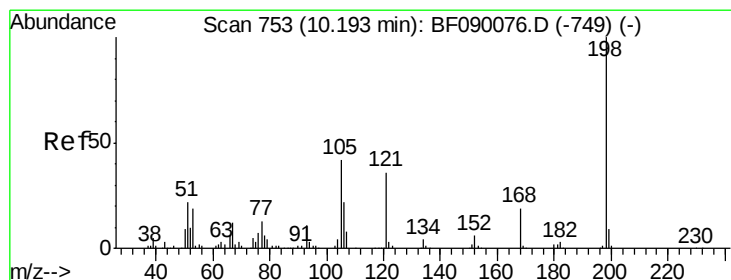
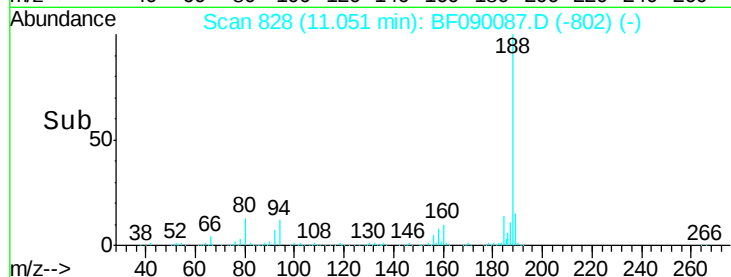
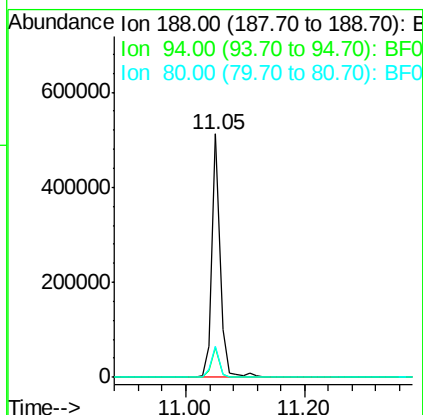
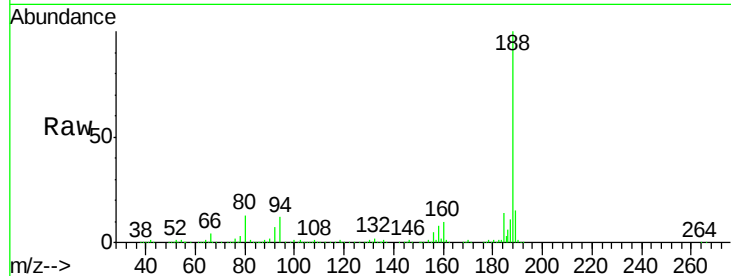
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	491994		
94	12.2		10.5	15.7
80	12.7		11.2	16.8

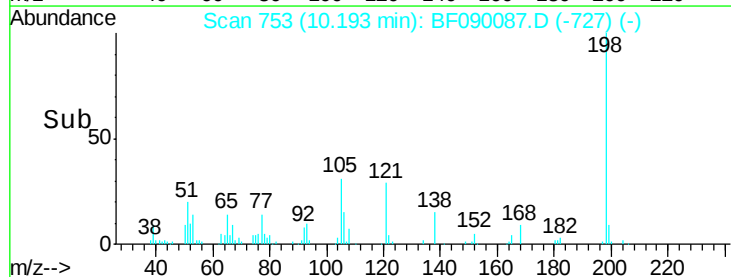
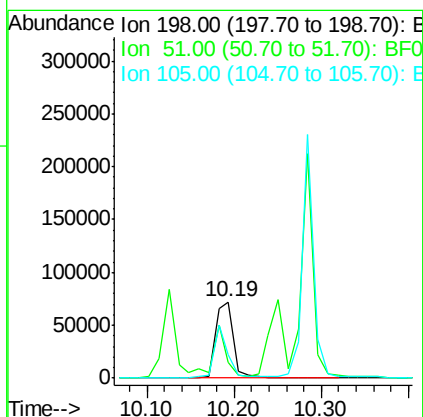
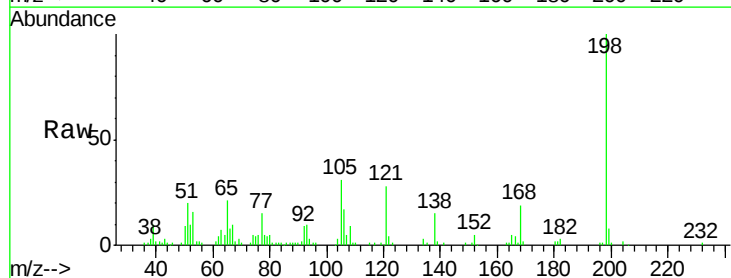
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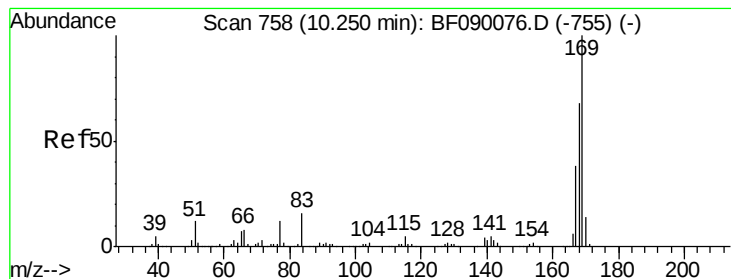
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.47 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	106642		
51	19.9		5.5	45.5
105	30.9		21.8	61.8





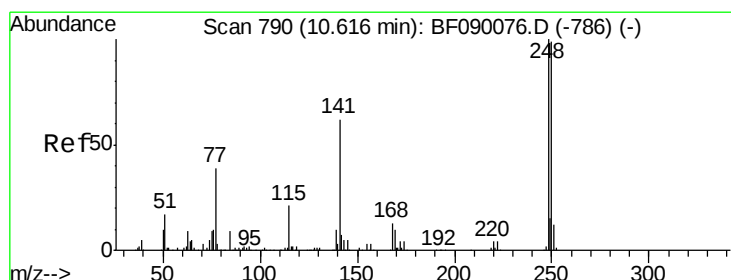
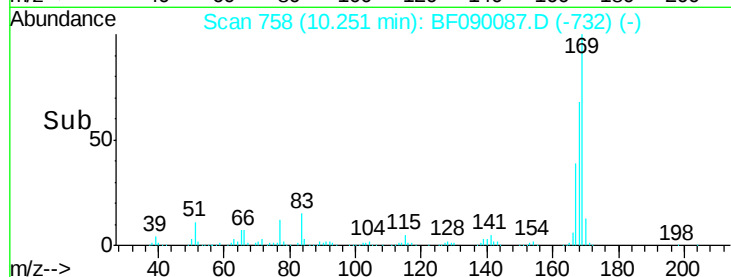
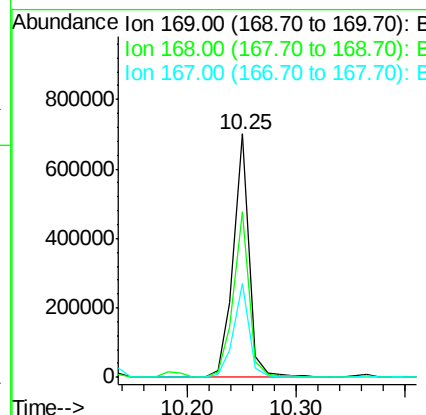
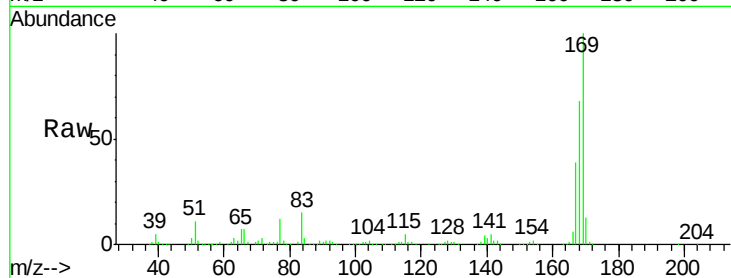
#65
 n-Nitrosodiphenylamine
 Concen: 45.14 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	703697		
168	68.0		54.2	81.4
167	38.7		30.3	45.5

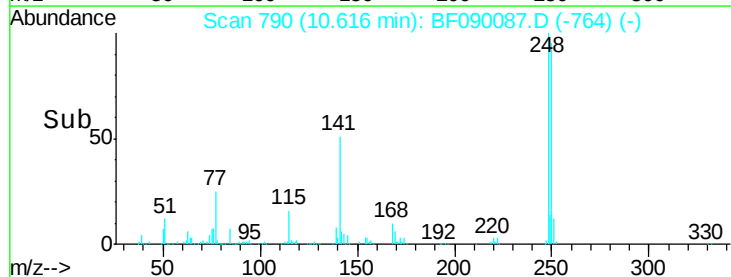
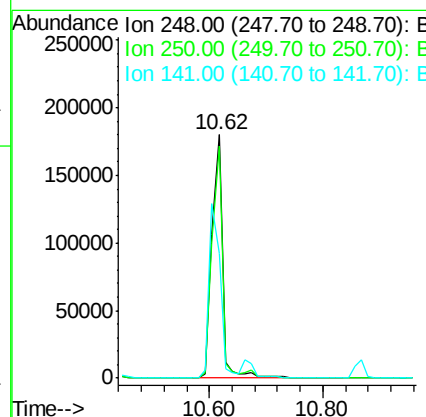
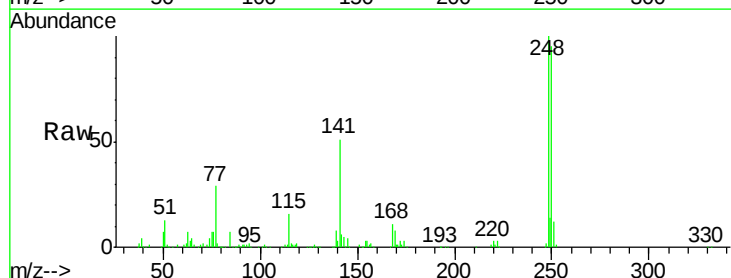
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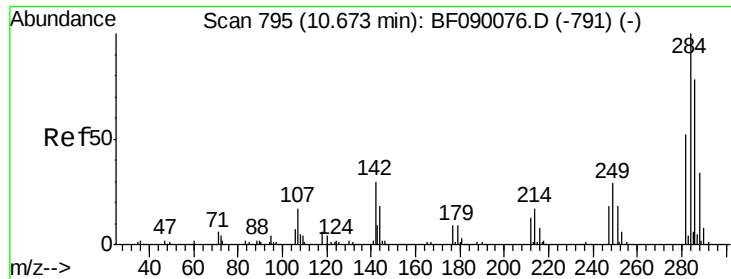
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#66
 4-Bromophenyl-phenylether
 Concen: 47.00 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	222925		
250	95.1		79.4	119.2
141	51.3		49.3	73.9





#67

Hexachlorobenzene

Concen: 44.97 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

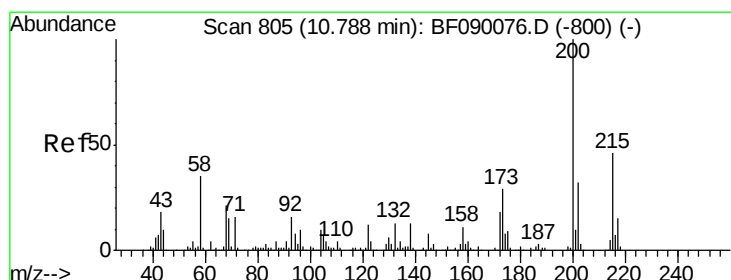
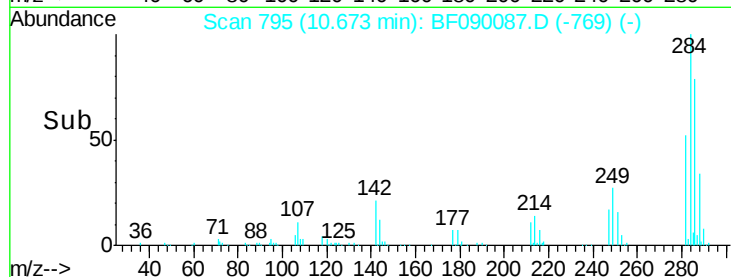
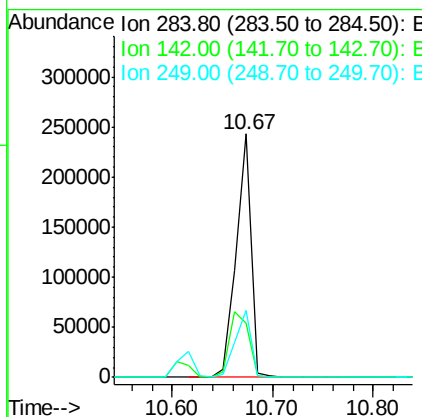
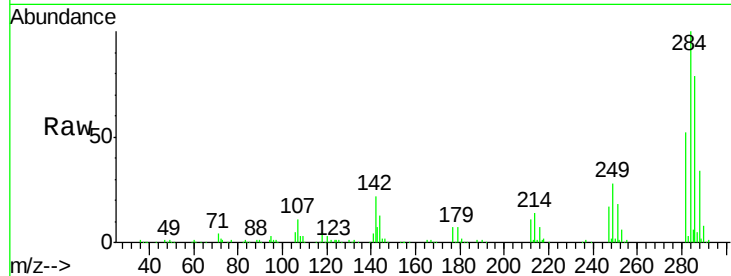
ClientSampleId :

PB93381BSD

Tgt Ion:	284	Resp:	251319
Ion Ratio		Lower	Upper
284	100		
142	22.0	24.0	36.0#
249	27.6	23.8	35.6

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#68

Atrazine

Concen: 47.48 ng

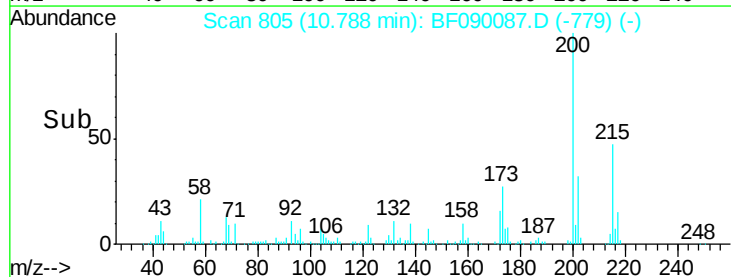
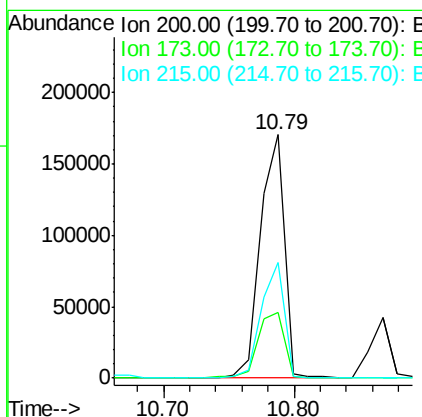
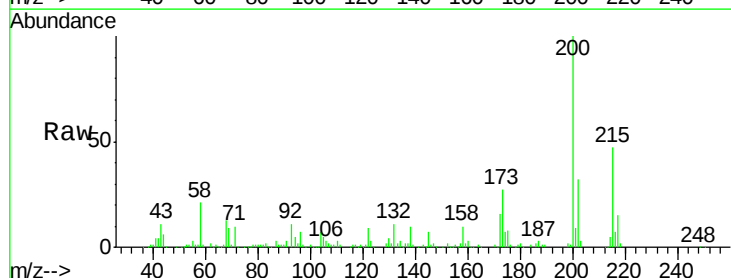
RT: 10.79 min Scan# 805

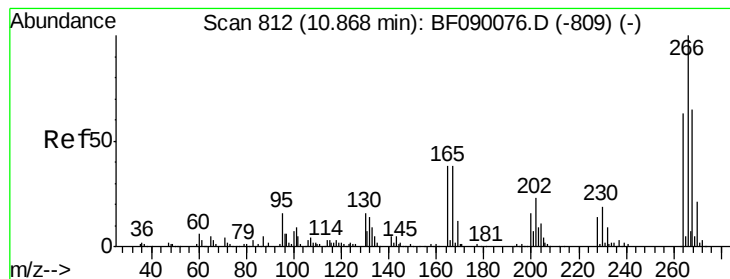
Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:	200	Resp:	219931
Ion Ratio		Lower	Upper
200	100		
173	27.0	9.3	49.3
215	47.5	26.1	66.1





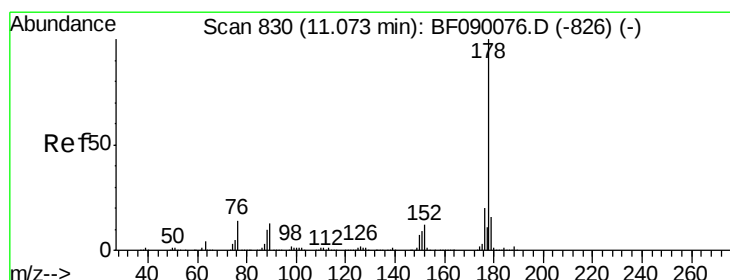
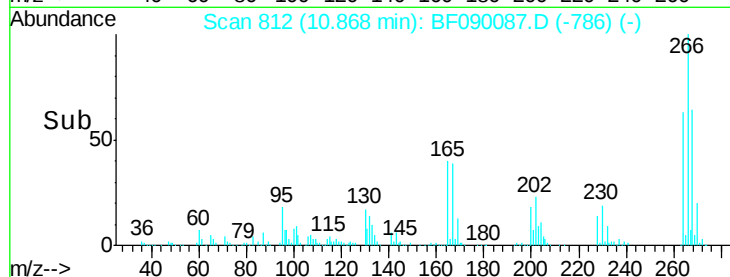
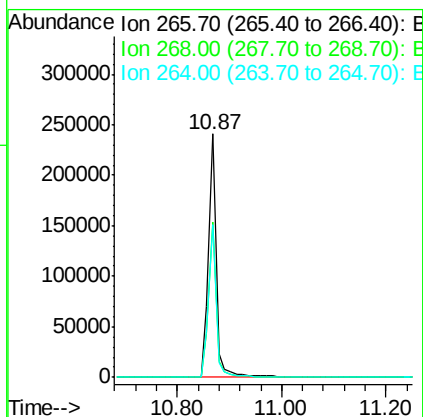
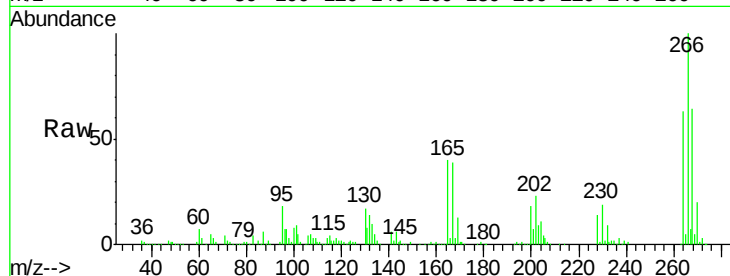
#69
 Pentachlorophenol
 Concen: 76.69 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	251071		
268	64.0	52.1	78.1	
264	62.8	50.3	75.5	

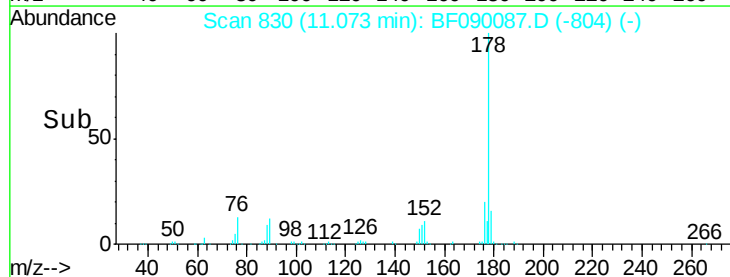
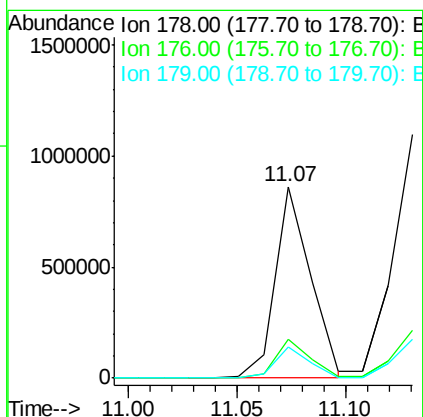
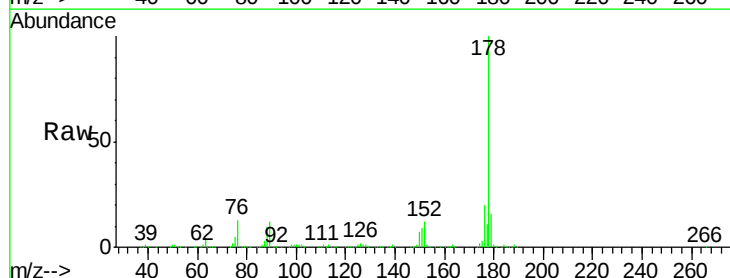
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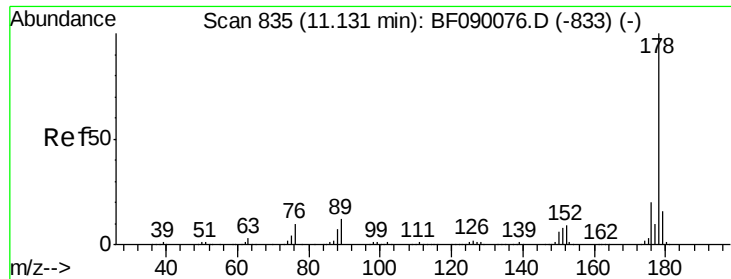
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#70
 Phenanthrene
 Concen: 41.22 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	980004		
176	20.3	15.9	23.9	
179	16.0	12.9	19.3	





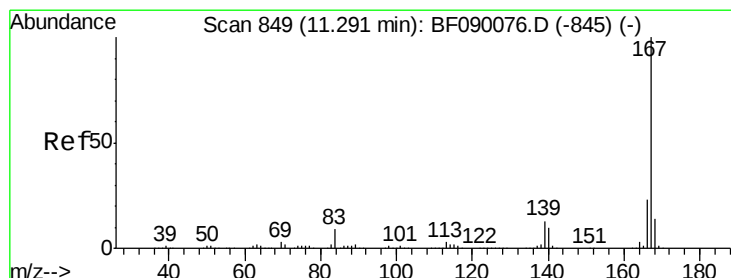
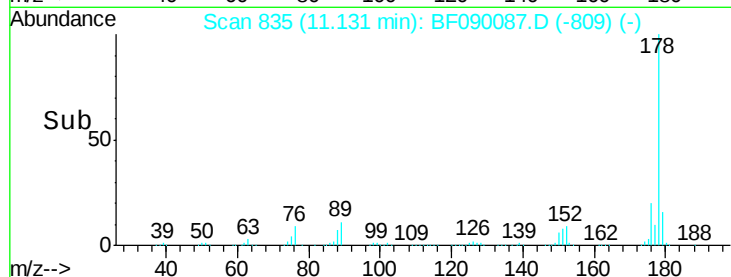
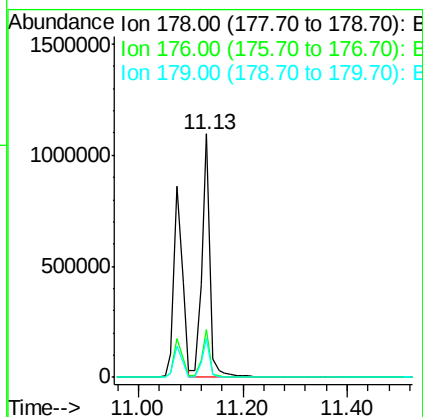
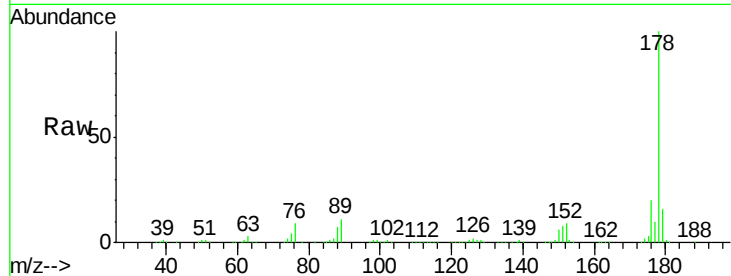
#71
 Anthracene
 Concen: 45.38 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleID :
 PB93381BSD

Tgt Ion:178 Resp: 1178077
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.7 12.6 19.0

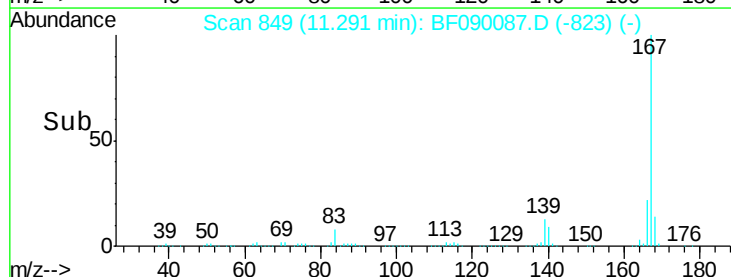
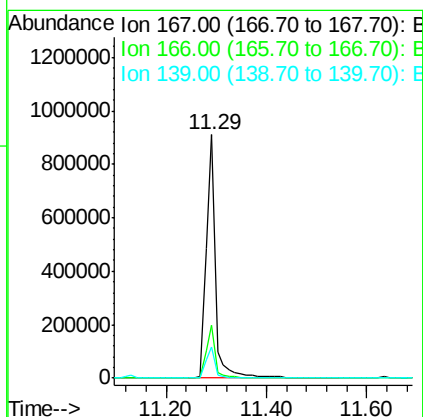
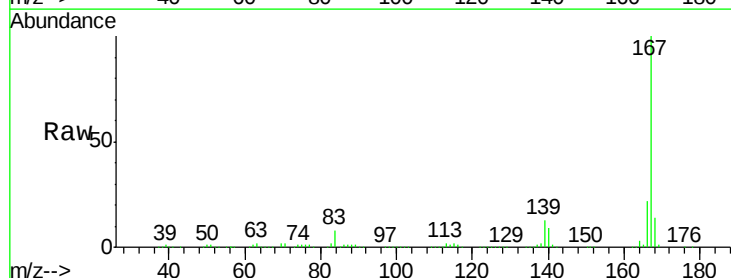
Manual Integrations
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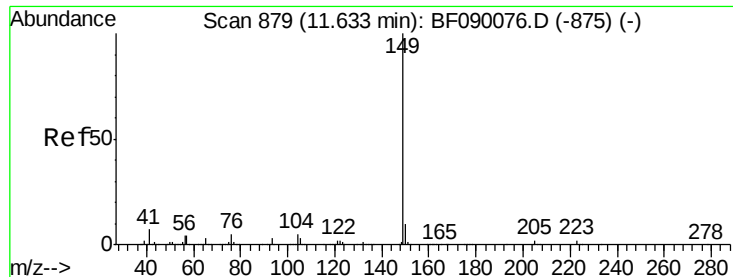
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#72
 Carbazole
 Concen: 43.60 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion:167 Resp: 1161008
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 12.6 10.4 15.6





#73

Di-n-butylphthalate

Concen: 40.57 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

Tgt Ion:149 Resp: 1211667

Ion Ratio Lower Upper

149 100

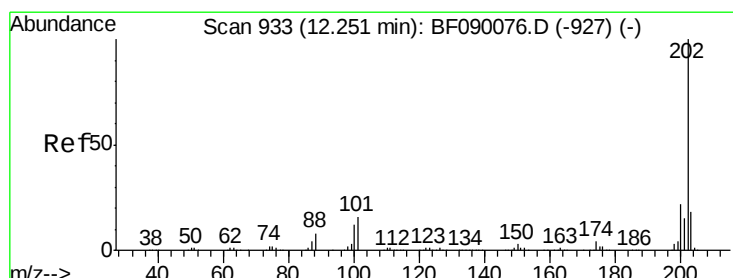
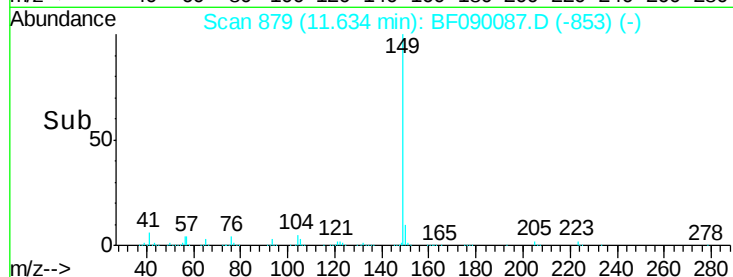
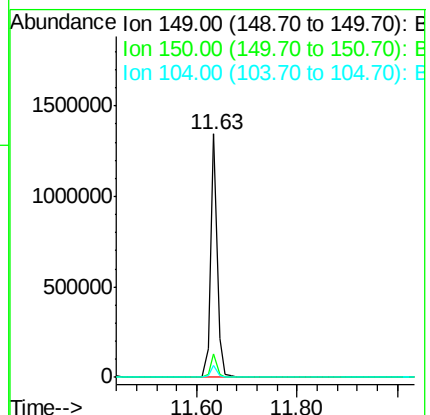
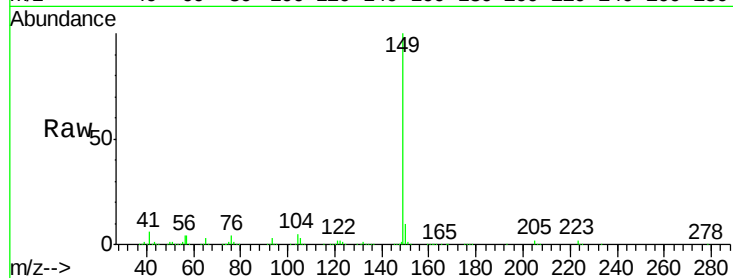
150 9.7 7.8 11.8

104 4.8 3.9 5.9

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#74

Fluoranthene

Concen: 43.11 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

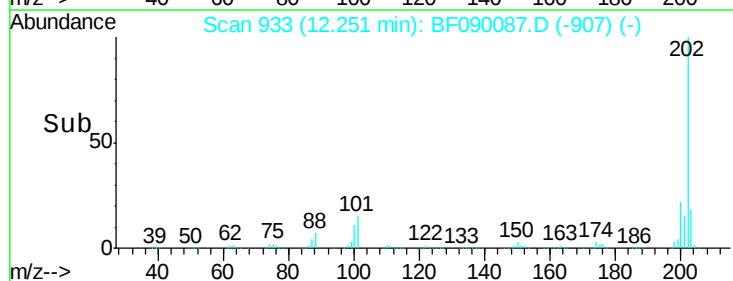
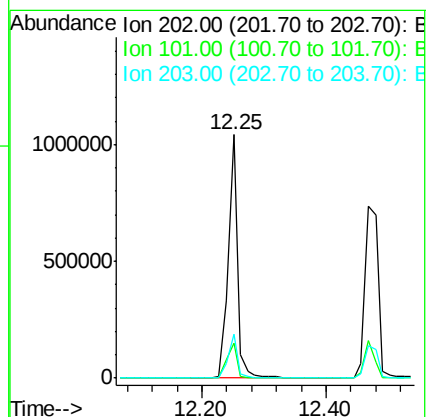
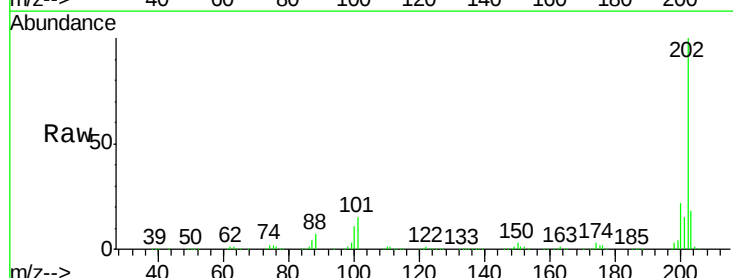
Tgt Ion:202 Resp: 1073948

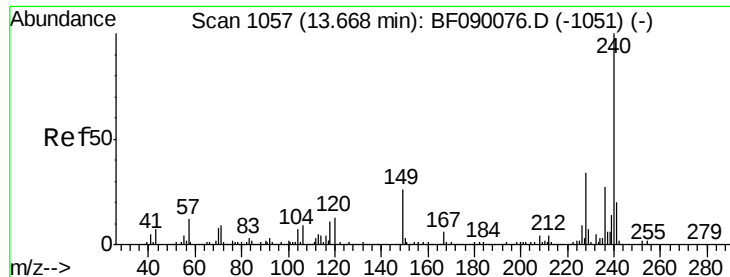
Ion Ratio Lower Upper

202 100

101 14.5 0.0 36.1

203 18.0 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

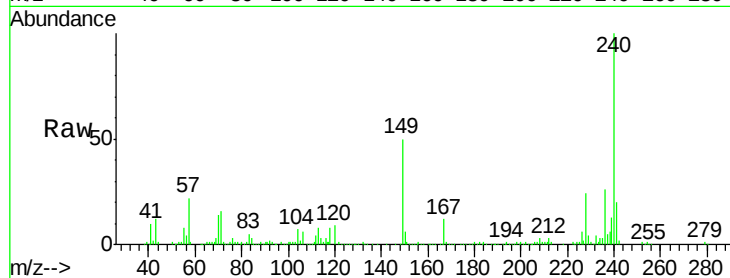
ClientSampleId :

PB93381BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	352112		
120	9.2	10.6	16.0	
236	25.9	21.6	32.4	

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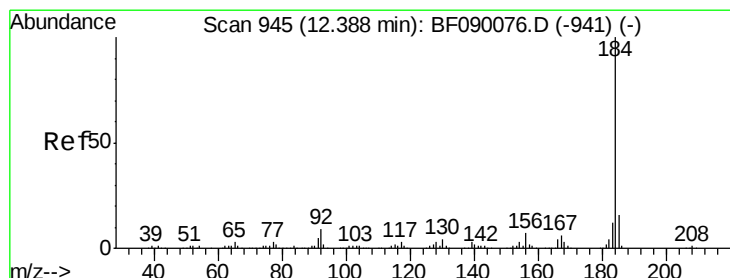
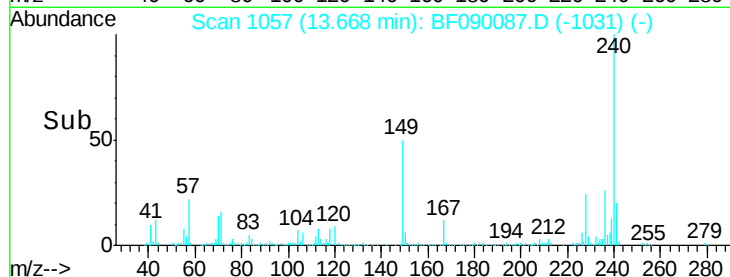
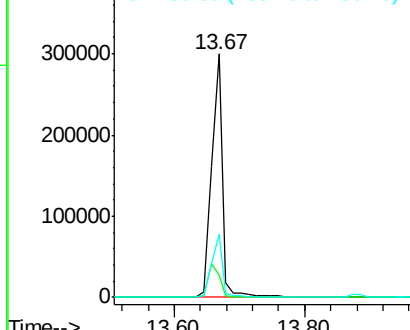
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.12 ng

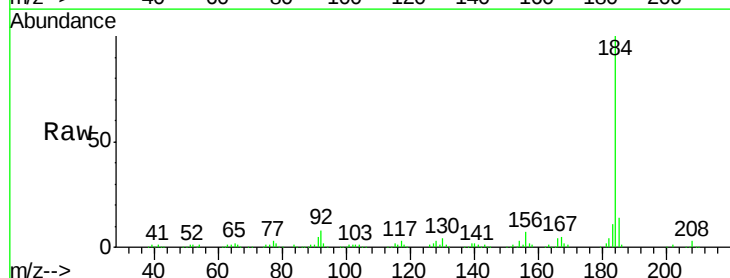
RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

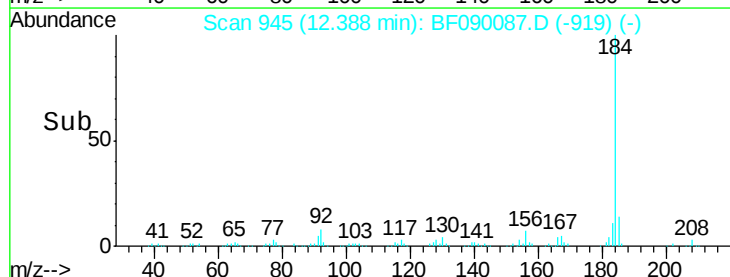
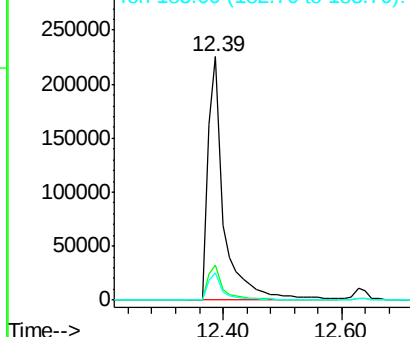
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	418190		
185	14.3	13.2	19.8	
183	11.0	9.2	13.8	

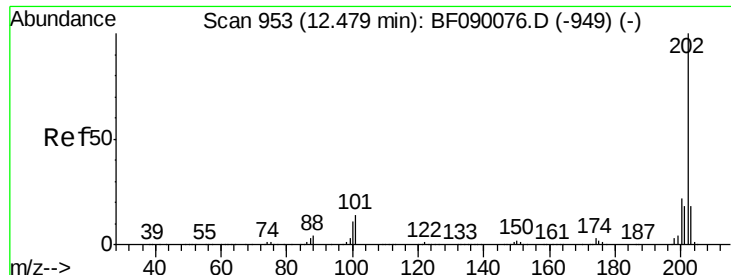


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





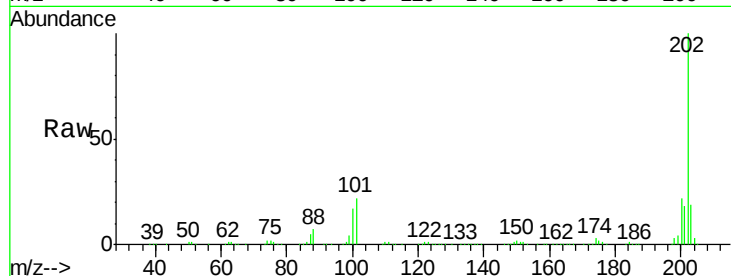
#77
Pyrene
 Concen: 41.73 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

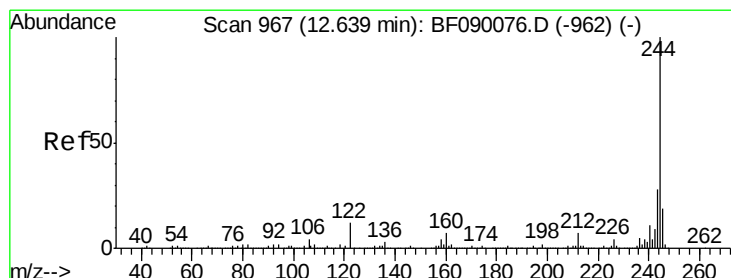
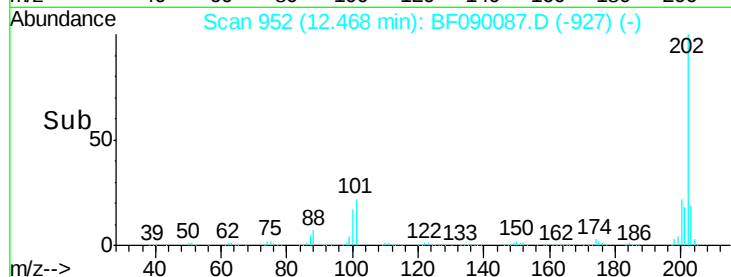
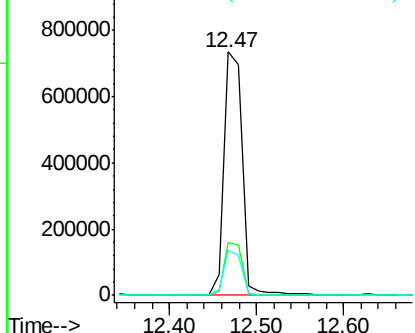
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	18.6	14.2	21.4

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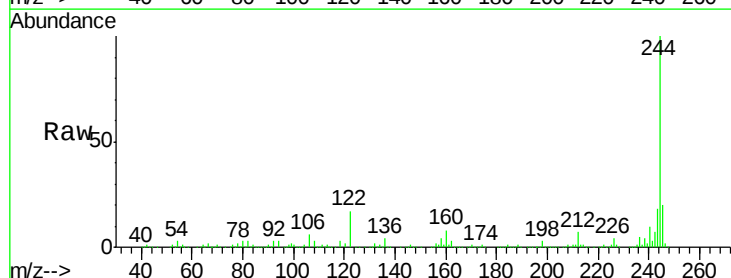


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

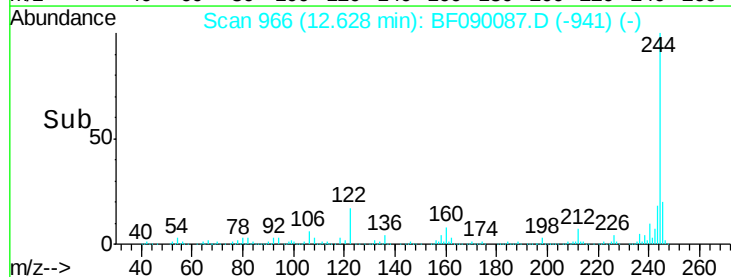
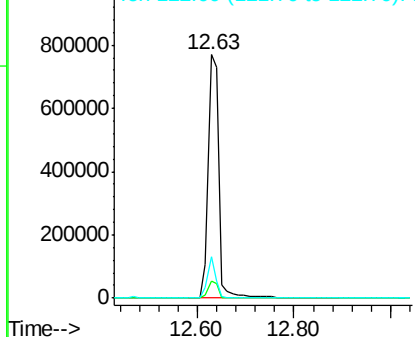


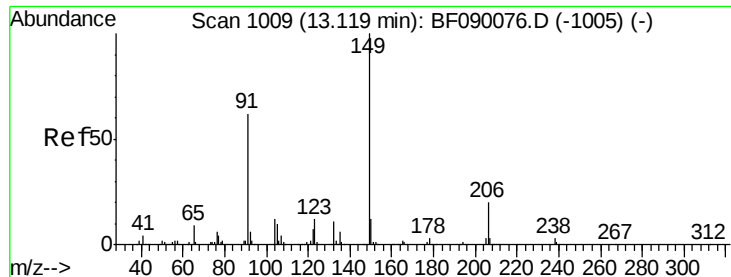
#78
Terphenyl-d14
 Concen: 81.07 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	17.1	9.4	14.0



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: 40.93 ng

RT: 13.11 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

Tgt Ion:149 Resp: 523828
Ion Ratio Lower Upper

149 100

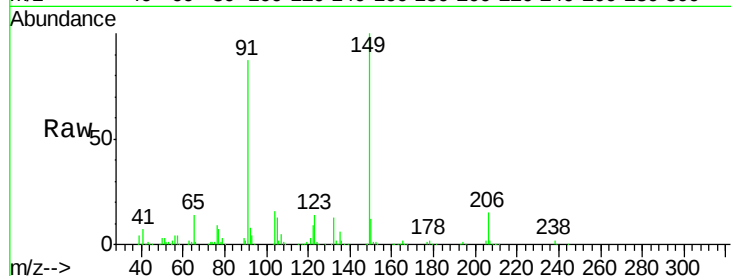
91 87.4 49.8 74.6#

206 14.9 16.3 24.5#

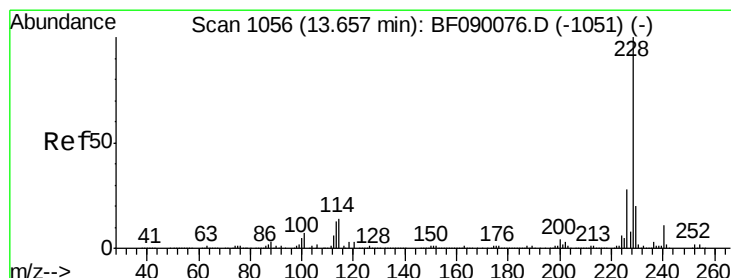
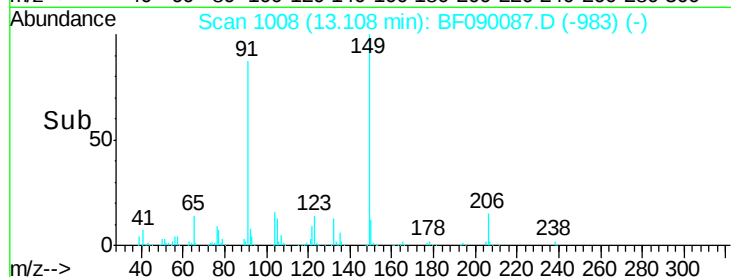
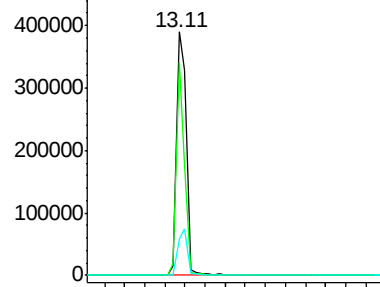
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.51 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF090087.D

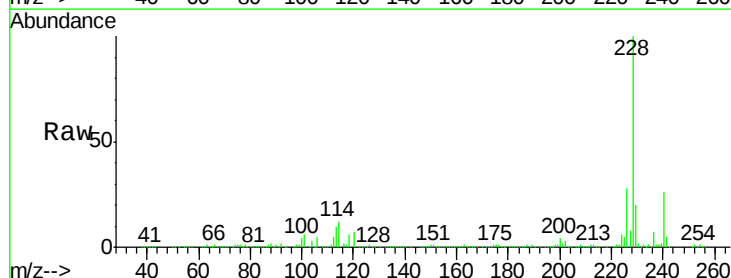
Acq: 15 Sep 2016 12:54

Tgt Ion:228 Resp: 873700
Ion Ratio Lower Upper

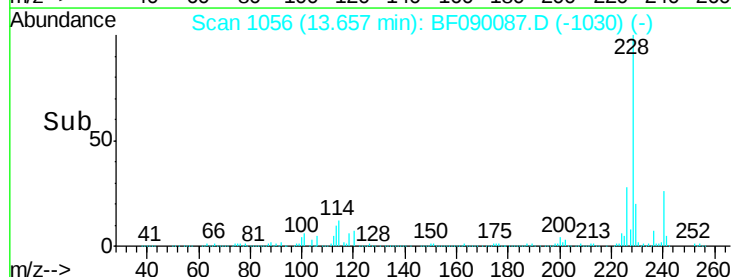
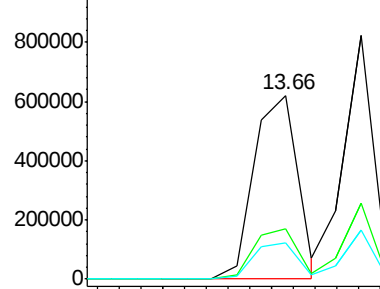
228 100

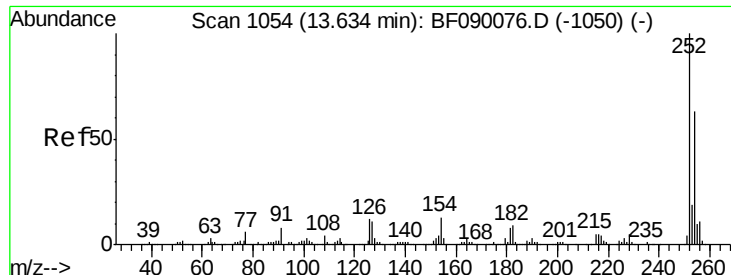
226 27.6 22.0 33.0

229 19.7 16.2 24.2



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





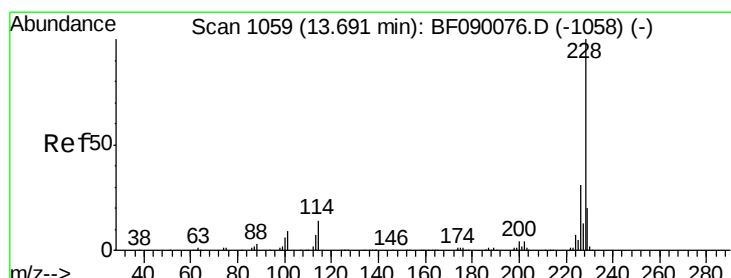
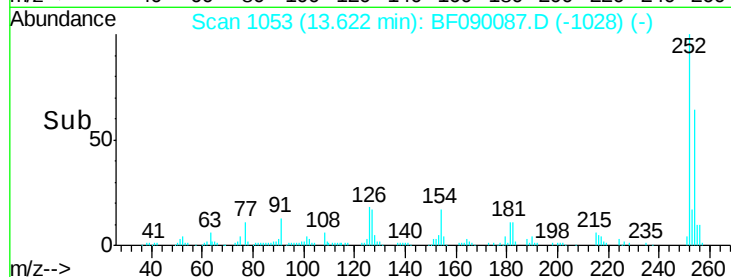
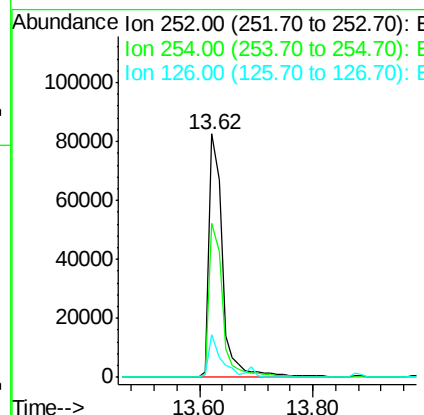
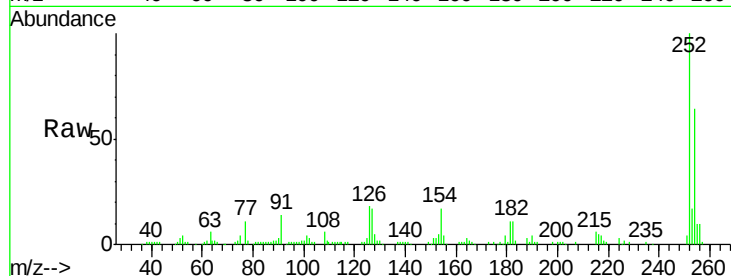
#81
 3,3'-Dichlorobenzidine
 Concen: 15.26 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	50.7	76.1
126	17.8	9.2	13.8

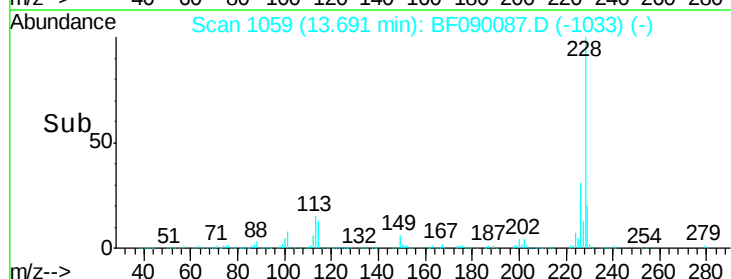
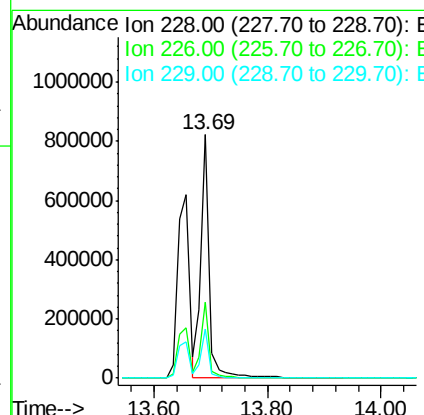
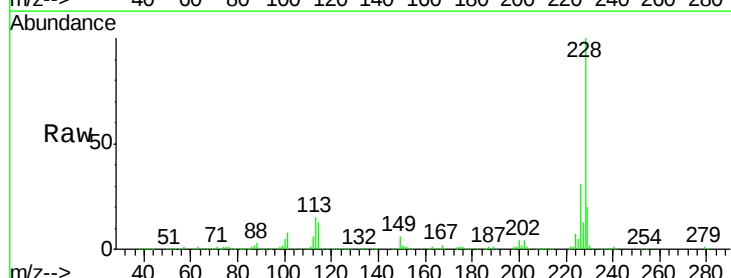
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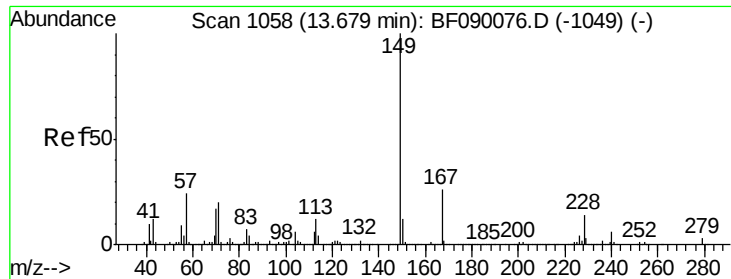
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#82
 Chrysene
 Concen: 42.52 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	24.6	37.0
229	20.1	16.2	24.4





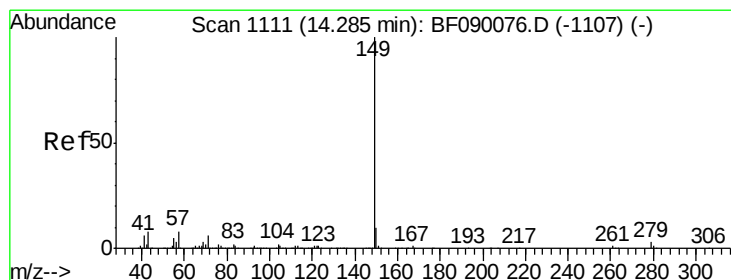
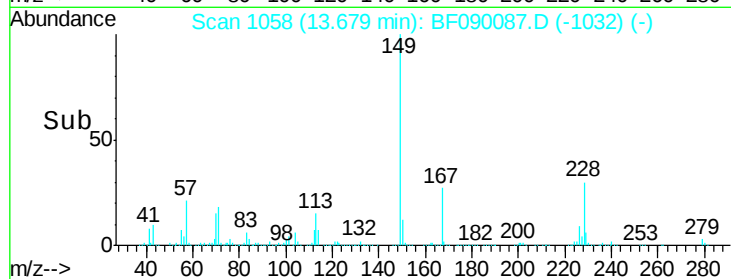
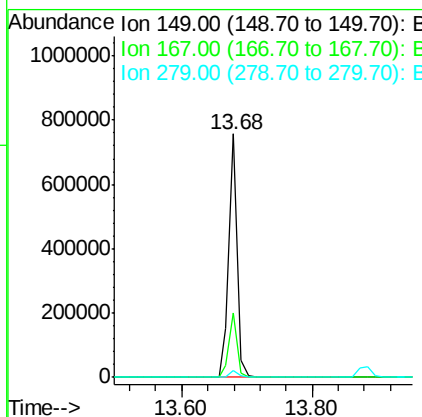
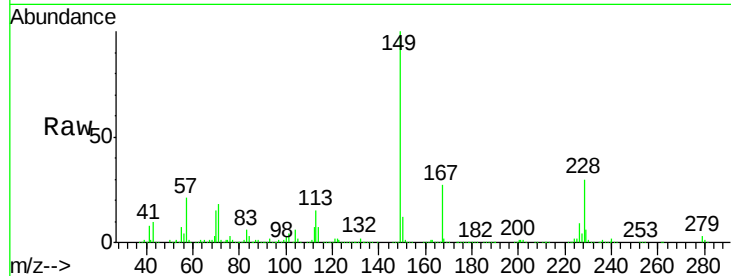
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.35 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.2	31.8
279	2.8	2.2	3.2

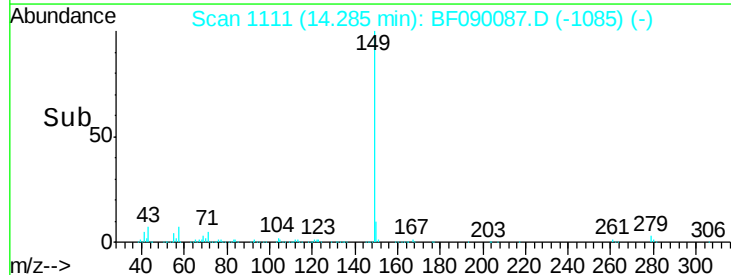
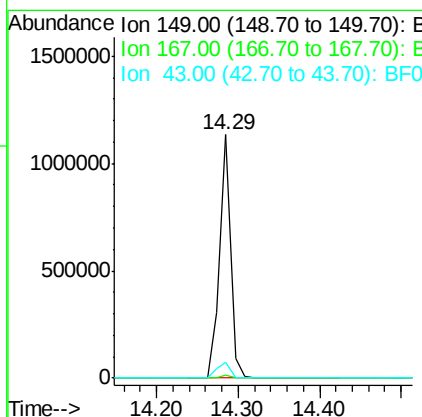
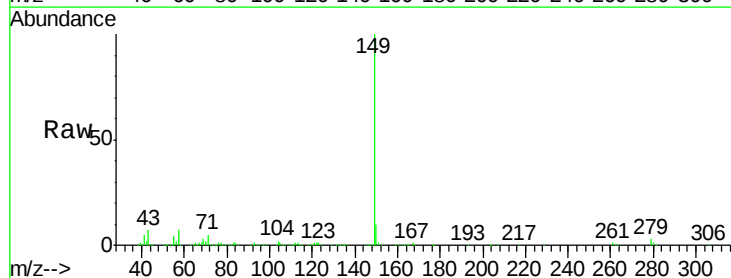
Manual Integrations
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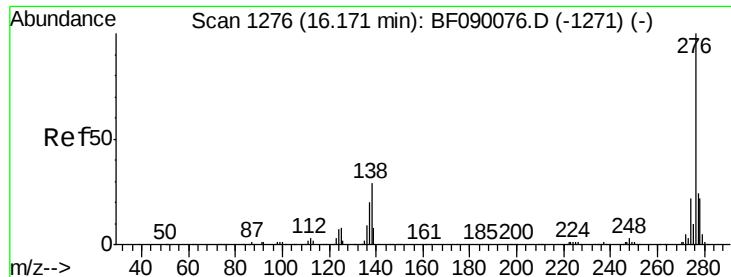
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#84
 Di-n-octyl phthalate
 Concen: 37.70 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	7.9	6.8	10.2





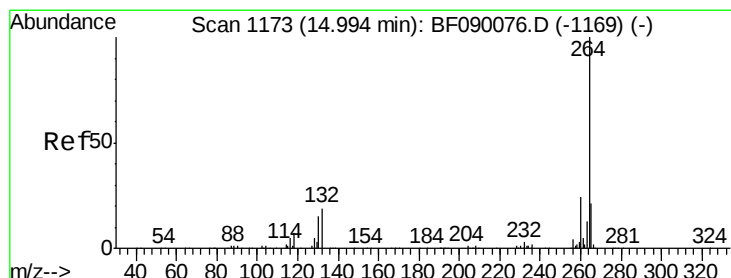
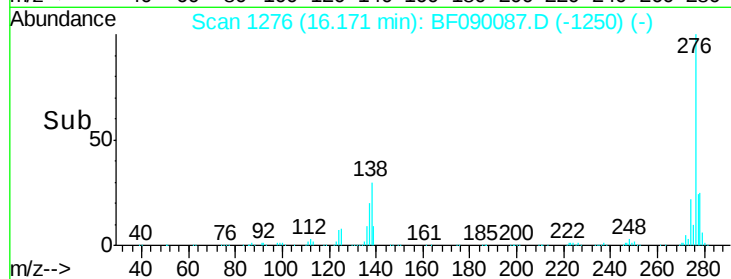
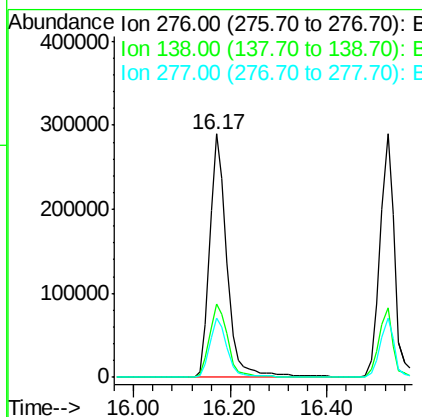
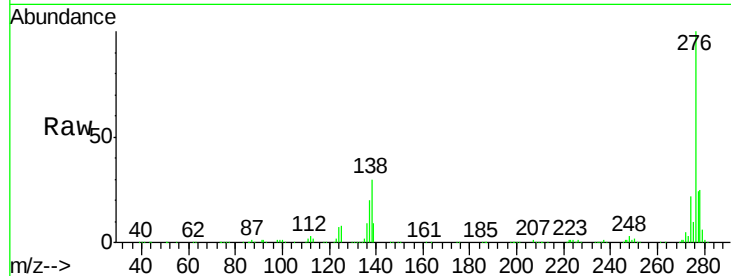
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.91 ng
 RT: 16.17 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.9	38.9
277	24.8	19.9	29.9

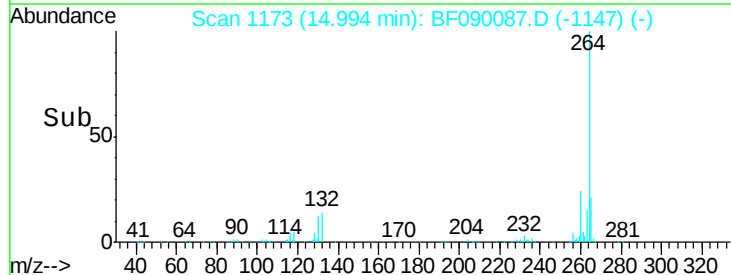
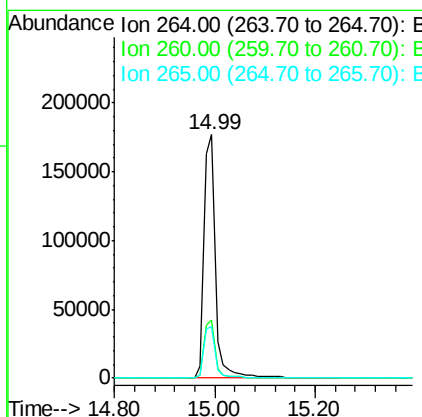
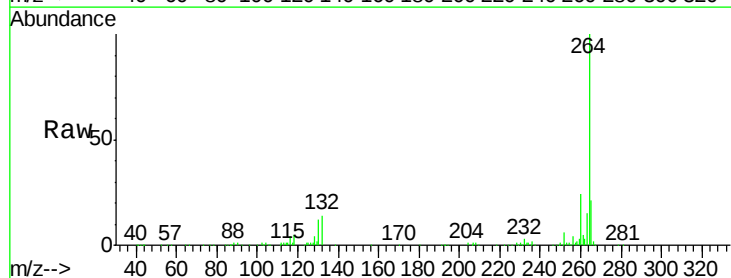
Manual Integrations
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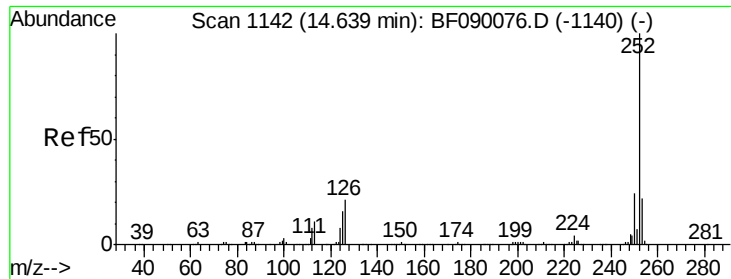
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 39.85 ng m

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

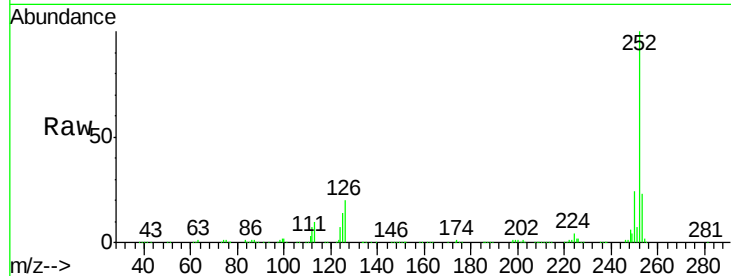
ClientSampleId :

PB93381BSD

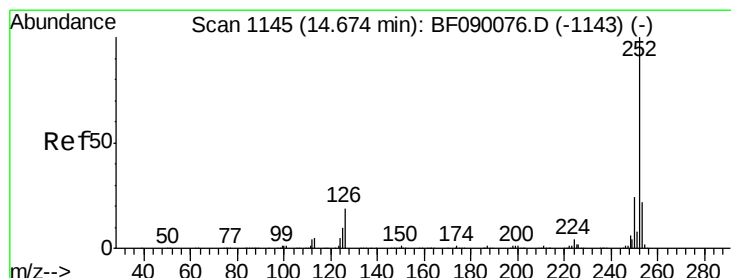
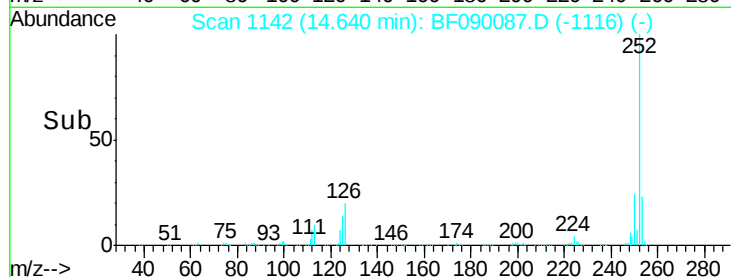
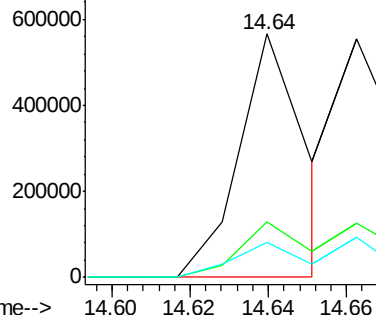
Tgt Ion:	252	Resp:	660335
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.2	12.7	19.1

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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: 44.95 ng m

RT: 14.66 min Scan# 1144

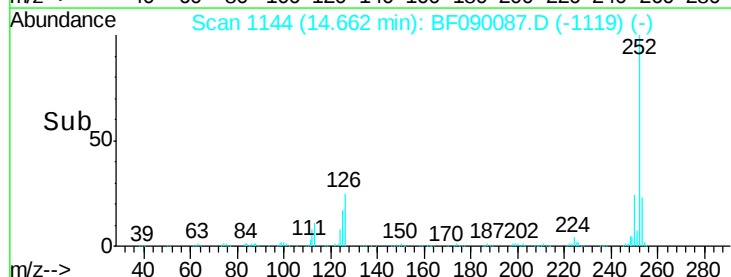
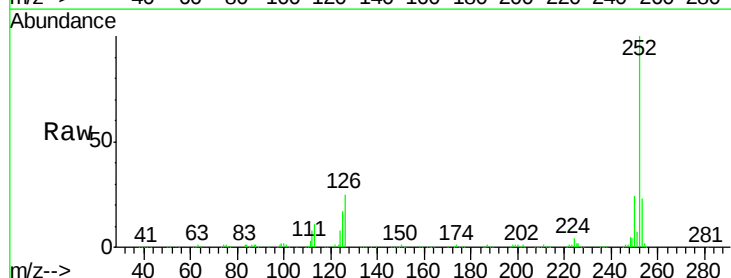
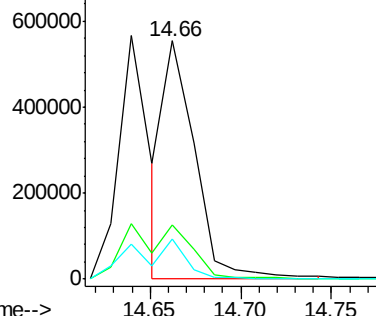
Delta R.T. -0.01 min

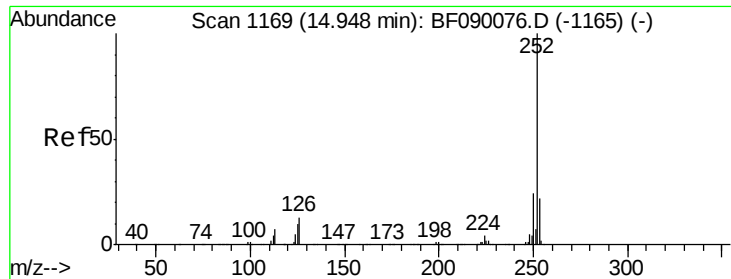
Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:	252	Resp:	670509
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.8	26.8
125	16.7	7.8	11.6#

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





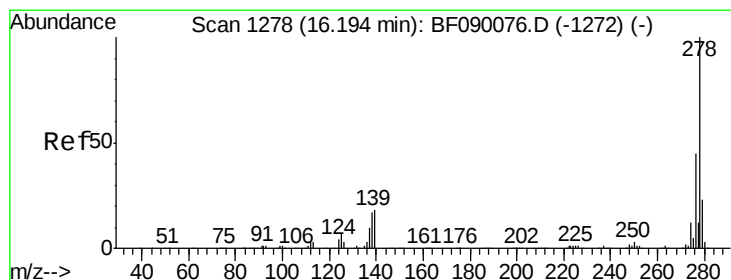
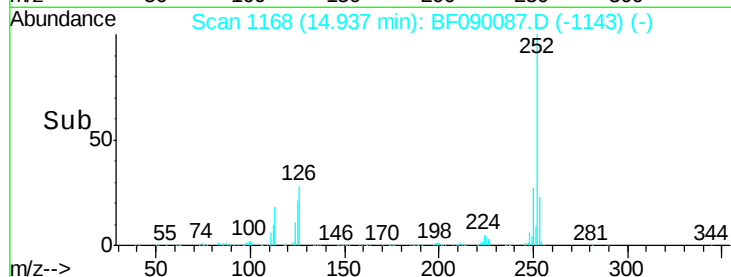
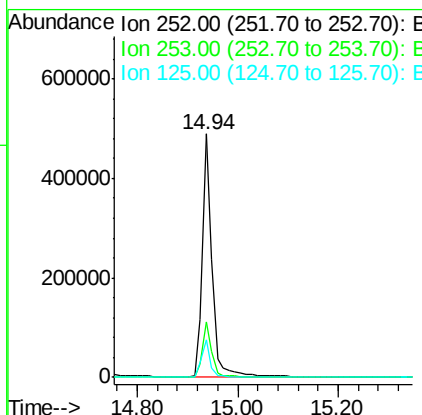
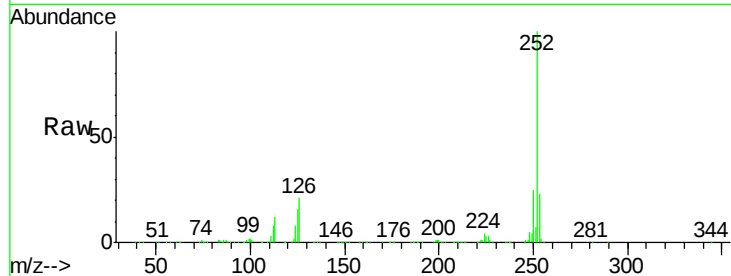
#89
Benzo(a)pyrene
Concen: 43.95 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :
PB93381BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	15.6	7.7	11.5

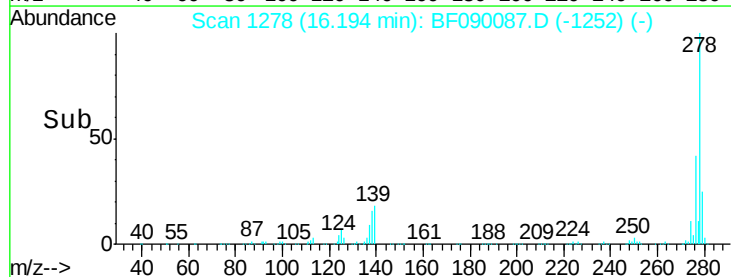
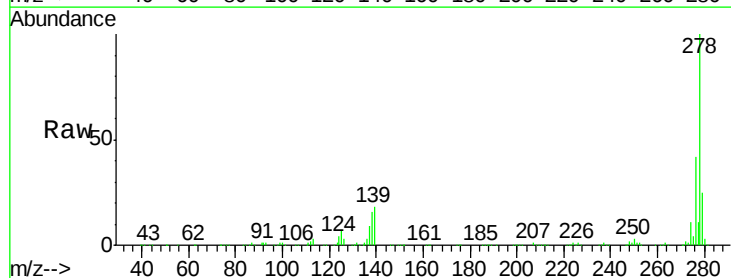
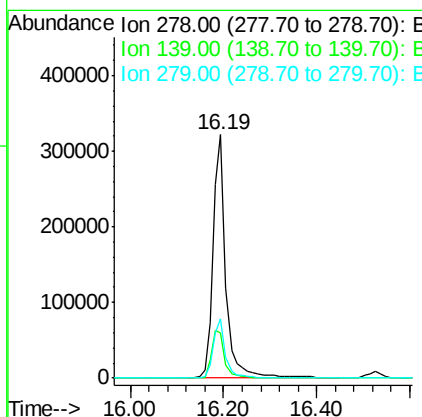
Manual Integrations
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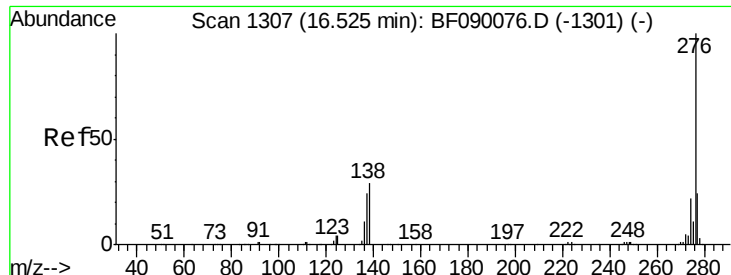
sohil
9/16/2016 11:34:59 AM



#90
Dibenzo(a,h)anthracene
Concen: 53.41 ng
RT: 16.19 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	21.8
279	24.6	18.8	28.2





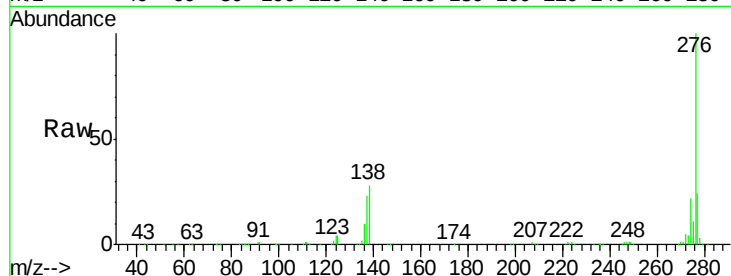
#91
 Benzo(g,h,i)perylene
 Concen: 55.10 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tgt Ion:	276	Resp:	611851
Ion Ratio		Lower	Upper
276	100		
277	24.3	18.9	28.3
138	28.4	23.3	34.9

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

