

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090665.D
 Acq On : 19 Oct 2016 23:18
 Operator : UM/SJ
 Sample : PB94148BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:36:59 AM

Quant Time: Oct 20 02:17:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	209171	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	903105	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	442145	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	659575	20.00	ng	0.00
75) Chrysene-d12	14.06	240	453752	20.00	ng	0.00
86) Perylene-d12	15.50	264	381370	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1031026	90.36	ng	0.01
7) Phenol-d6	6.53	99	1358445	80.13	ng	0.00
23) Nitrobenzene-d5	7.46	82	1316986	81.01	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	288156	73.10	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2016654	75.15	ng	-0.01
78) Terphenyl-d14	13.00	244	1639852	84.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	207827	31.96	ng	96
3) Pyridine	3.31	79	504702	34.63	ng	94
4) n-Nitrosodimethylamine	3.26	42	230810	44.80	ng	91
6) Aniline	6.55	93	446538	21.80	ng	96
8) 2-Chlorophenol	6.67	128	597595	40.39	ng	99
9) Benzaldehyde	6.43	77	147776	13.71	ng	92
10) Phenol	6.54	94	792629	40.88	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	642946	40.19	ng	99
12) 1,3-Dichlorobenzene	6.83	146	574297	38.92	ng	98
13) 1,4-Dichlorobenzene	6.91	146	586776	36.57	ng	99
14) 1,2-Dichlorobenzene	7.06	146	606009	40.40	ng	99
15) Benzyl Alcohol	7.03	79	532715	46.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	952643	42.31	ng	91
17) 2-Methylphenol	7.15	107	496828	43.09	ng	98
18) Hexachloroethane	7.40	117	238943	37.68	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	506728	43.59	ng	# 88
20) 3+4-Methylphenols	7.30	107	616037	44.07	ng	93
22) Acetophenone	7.30	105	815396	40.87	ng	# 93
24) Nitrobenzene	7.47	77	630658	37.80	ng	98
25) Isophorone	7.71	82	1259905	42.58	ng	100
26) 2-Nitrophenol	7.79	139	274861	36.31	ng	99
27) 2,4-Dimethylphenol	7.83	122	573452	45.65	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	771898	44.18	ng	99
29) 2,4-Dichlorophenol	8.04	162	438516	39.86	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	487309	37.82	ng	100
31) Naphthalene	8.20	128	1754691	38.14	ng	99
32) Benzoic acid	7.95	122	214585	27.81	ng	98
33) 4-Chloroaniline	8.25	127	254166	14.46	ng	98
34) Hexachlorobutadiene	8.31	225	270602	37.59	ng	100
35) Caprolactam	8.62	113	153317	49.93	ng	95
36) 4-Chloro-3-methylphenol	8.74	107	526329	41.46	ng	# 86
37) 2-Methylnaphthalene	8.89	142	1031200	38.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	511702	43.65	ng	99
40) Hexachlorocyclopentadiene	9.05	237	342084	59.73	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	321424	48.61	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	318889	40.43	ng	# 85
45) 1,1'-Biphenyl	9.35	154	1326964	39.44	ng	100
46) 2-Chloronaphthalene	9.38	162	1003342	40.00	ng	100
47) 2-Nitroaniline	9.48	65	366200	40.26	ng	85
48) Acenaphthylene	9.80	152	1553233	38.88	ng	98
49) Dimethylphthalate	9.65	163	1146718	39.97	ng	100
50) 2,6-Dinitrotoluene	9.72	165	282313	44.97	ng	97
51) Acenaphthene	9.97	154	992408	37.38	ng	100
52) 3-Nitroaniline	9.89	138	199110	25.28	ng	89
53) 2,4-Dinitrophenol	9.99	184	47355	18.58	ng	90
54) Dibenzofuran	10.14	168	1399451	40.07	ng	98
55) 4-Nitrophenol	10.06	139	313631	66.16	ng	# 80
56) 2,4-Dinitrotoluene	10.12	165	332234	38.97	ng	91
57) Fluorene	10.49	166	1140745	39.59	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	250592	38.14	ng	99
59) Diethylphthalate	10.36	149	1268675	43.61	ng	# 94
60) 4-Chlorophenyl-phenylether	10.47	204	562341	41.41	ng	98
61) 4-Nitroaniline	10.51	138	258522	32.73	ng	93
62) Azobenzene	10.63	77	1422473	42.27	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	41973	10.51	ng	96
65) n-Nitrosodiphenylamine	10.59	169	898855	41.26	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	307404	43.43	ng	97
67) Hexachlorobenzene	11.03	284	329571	42.89	ng	# 63
68) Atrazine	11.13	200	292964	48.62	ng	91
69) Pentachlorophenol	11.23	266	269335	70.72	ng	98
70) Phenanthrene	11.45	178	1481943	42.09	ng	100
71) Anthracene	11.49	178	1467639	38.73	ng	99
72) Carbazole	11.65	167	1368326	40.34	ng	100
73) Di-n-butylphthalate	11.98	149	1844680	46.42	ng	99
74) Fluoranthene	12.63	202	1304724	36.84	ng	97
76) Benzidine	12.76	184	282142	24.99	ng	96
77) Pyrene	12.86	202	1289916	42.92	ng	99
79) Butylbenzylphthalate	13.48	149	692511	52.01	ng	97
80) Benzo(a)anthracene	14.05	228	1056821	40.91	ng	98
81) 3,3'-Dichlorobenzidine	14.01	252	289398	32.79	ng	# 95
82) Chrysene	14.09	228	1104168	44.36	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	945443	52.63	ng	100
84) Di-n-octyl phthalate	14.65	149	1339700	55.62	ng	96
85) Indeno(1,2,3-cd)pyrene	16.94	276	916936	63.72	ng	99
87) Benzo(b)fluoranthene	15.09	252	1046820	41.95	ng	# 94
88) Benzo(k)fluoranthene	15.12	252	901936m	33.59	ng	
89) Benzo(a)pyrene	15.45	252	927383	40.59	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	786620	45.15	ng	99
91) Benzo(g,h,i)perylene	17.37	276	679690	40.91	ng	97

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

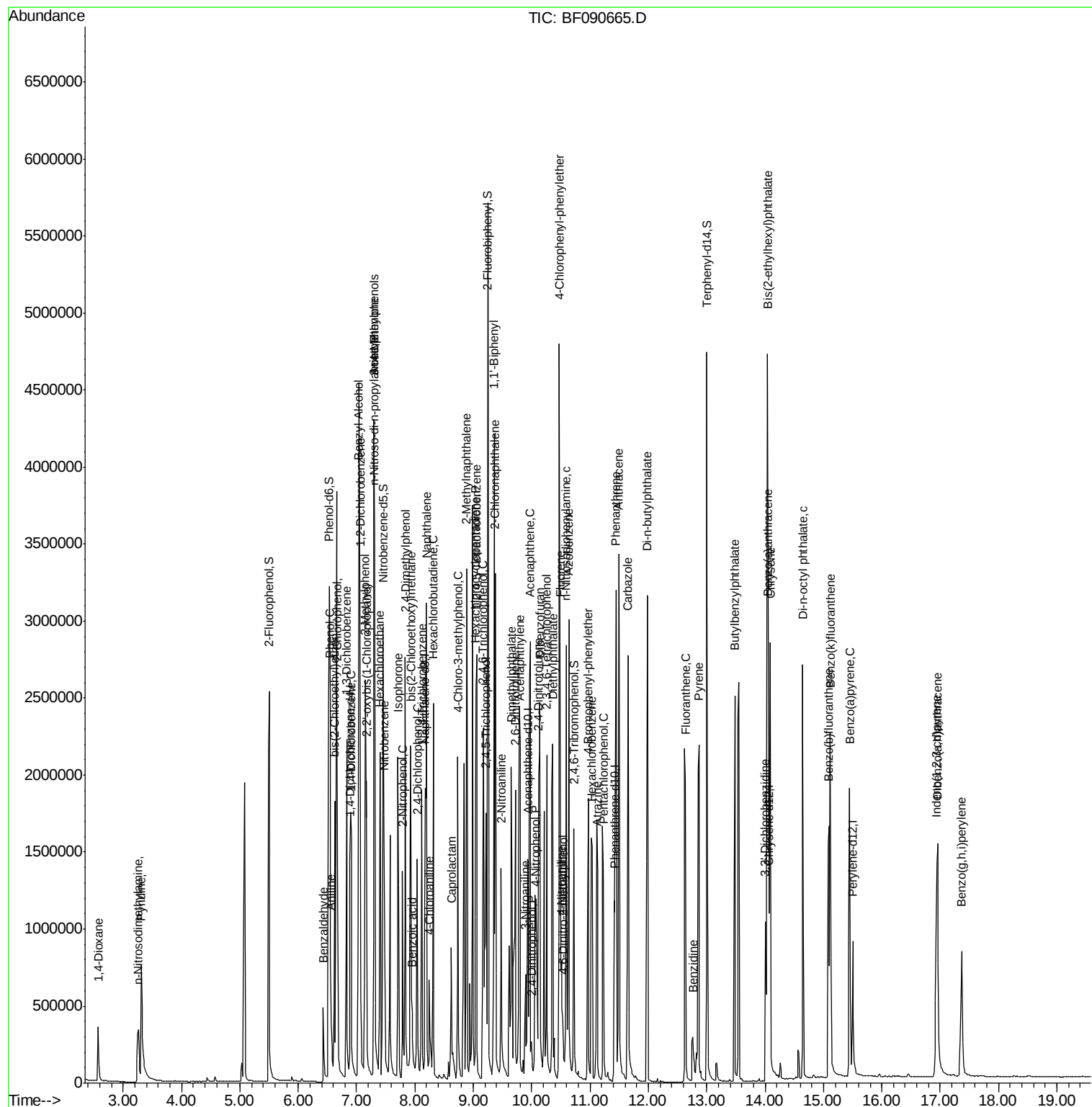
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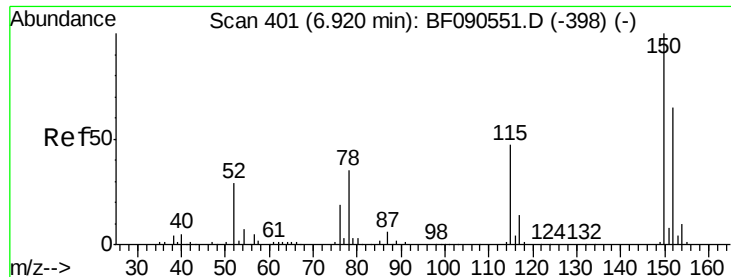
Instrument :
BNA_F
ClientSampled :
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#1

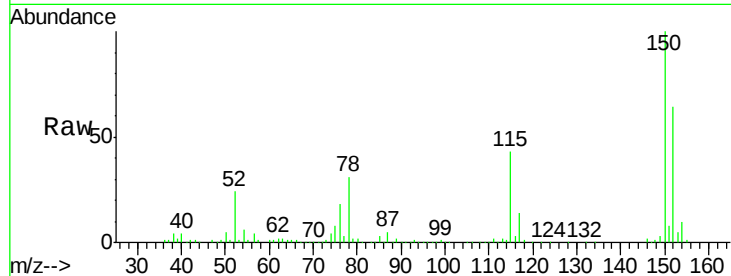
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

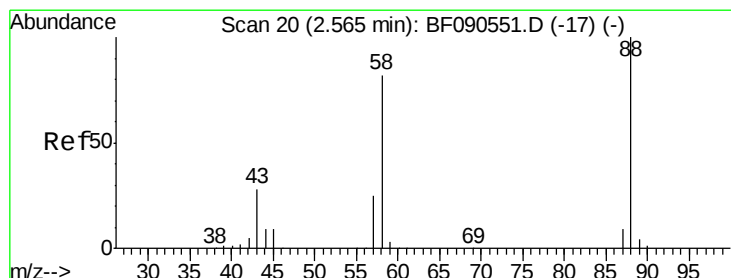
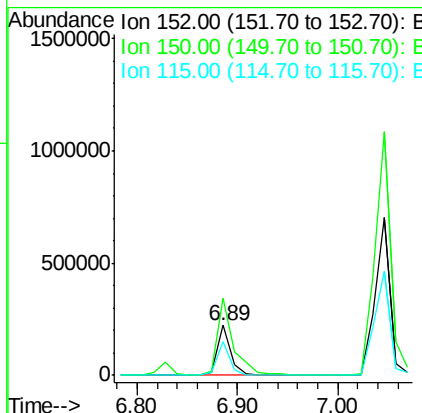
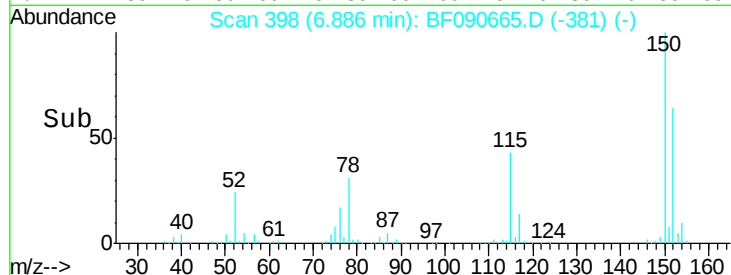
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	209171		
150	155.8	127.2	190.8	
115	66.5	58.6	88.0	

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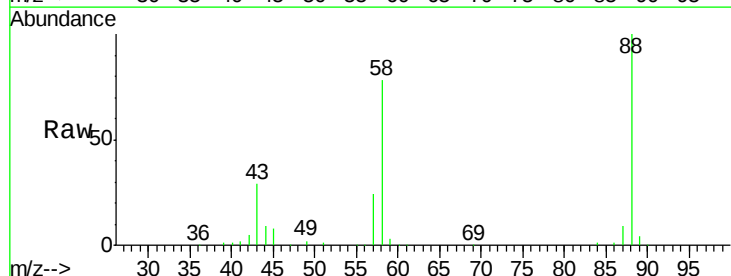
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



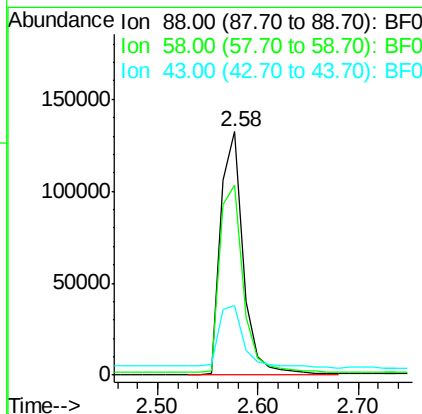
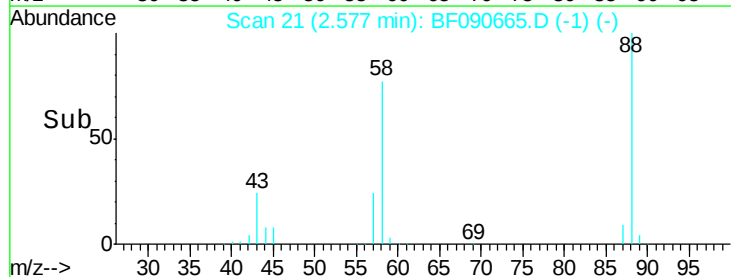
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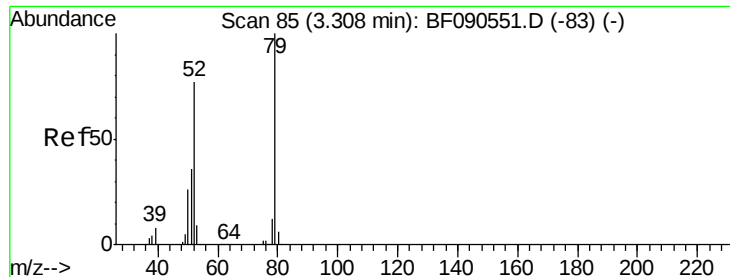
1,4-Dioxane
Concen: 31.96 ng
RT: 2.58 min Scan# 21
Delta R.T. 0.06 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	207827		
58	80.2	67.2	100.8	
43	29.0	24.1	36.1	



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





#3

Pyridine

Concen: 34.63 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

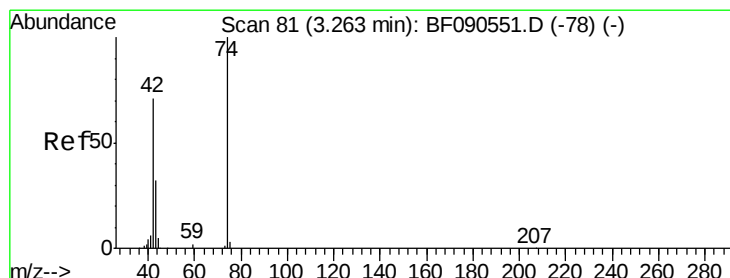
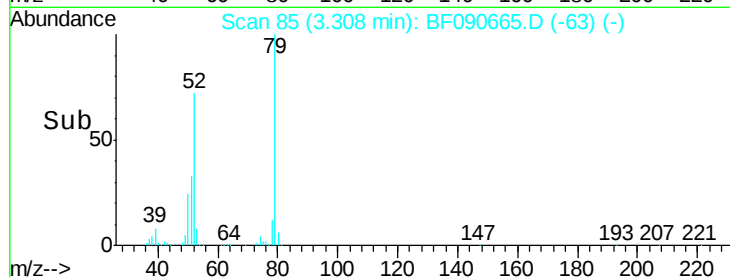
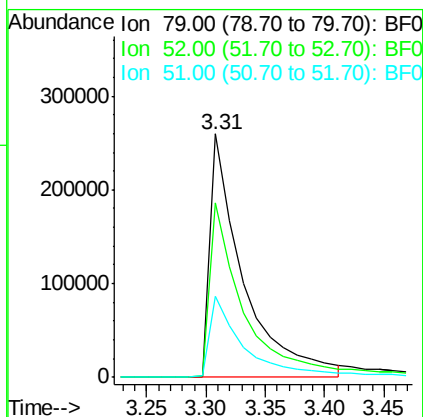
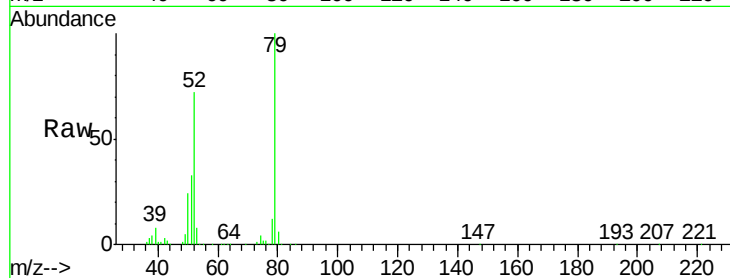
ClientSampleId :

PB94148BS

Tgt Ion:	79	Resp:	504702
Ion Ratio	Lower	Upper	
79	100		
52	71.8	61.8	92.8
51	33.2	29.2	43.8

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#4

n-Nitrosodimethylamine

Concen: 44.80 ng

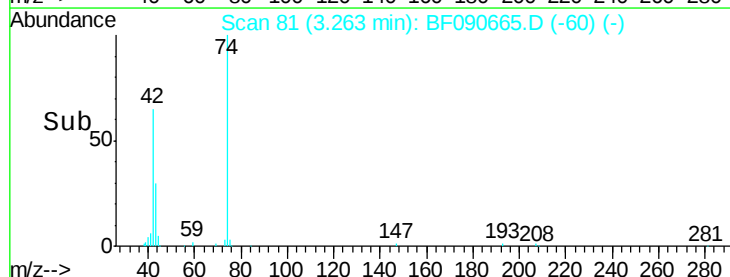
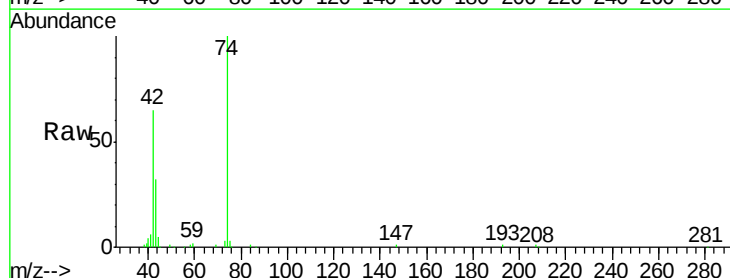
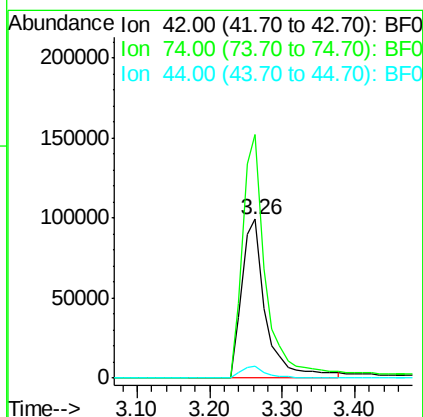
RT: 3.26 min Scan# 81

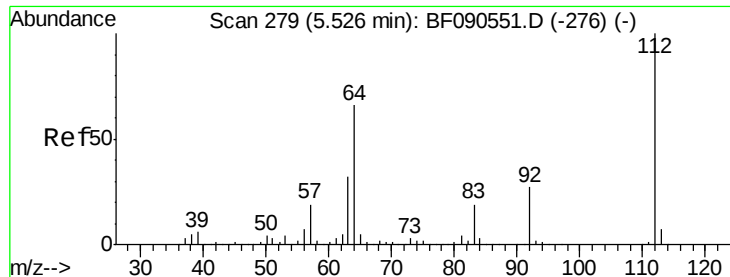
Delta R.T. 0.05 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion:	42	Resp:	230810
Ion Ratio	Lower	Upper	
42	100		
74	153.3	113.3	169.9
44	7.6	6.0	9.0





#5

2-Fluorophenol

Concen: 90.36 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

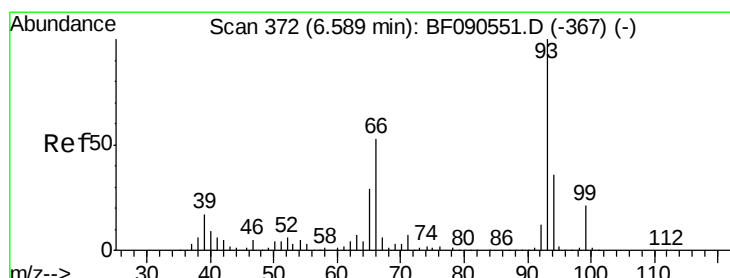
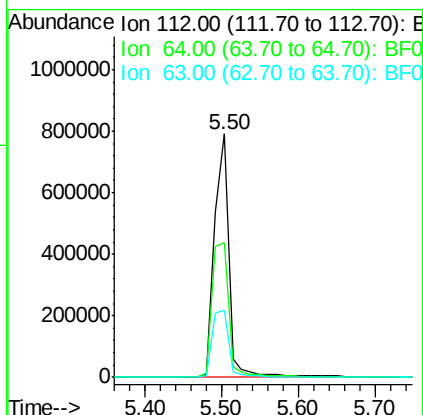
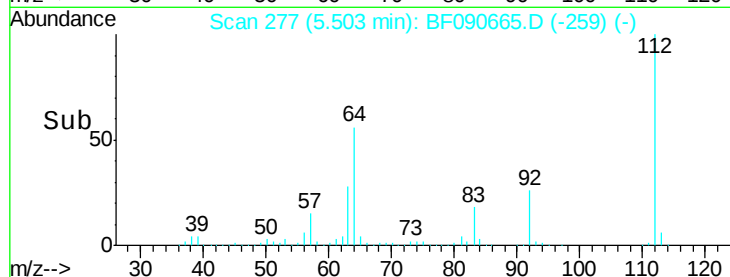
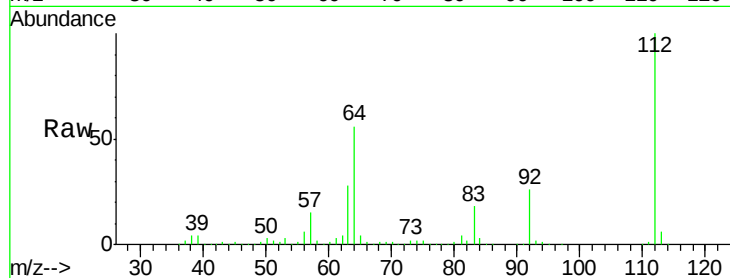
ClientSampleId :

PB94148BS

Tgt Ion:	112	Resp:	1031026
Ion	Ratio	Lower	Upper
112	100		
64	55.6	52.6	78.8
63	27.6	26.0	39.0

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#6

Aniline

Concen: 21.80 ng

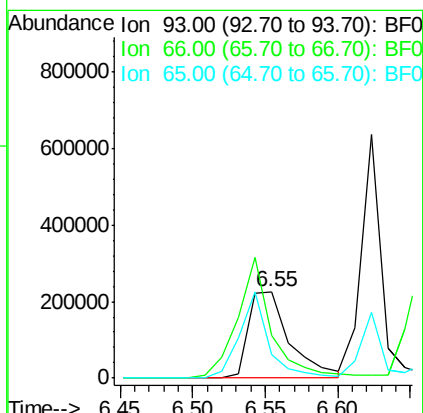
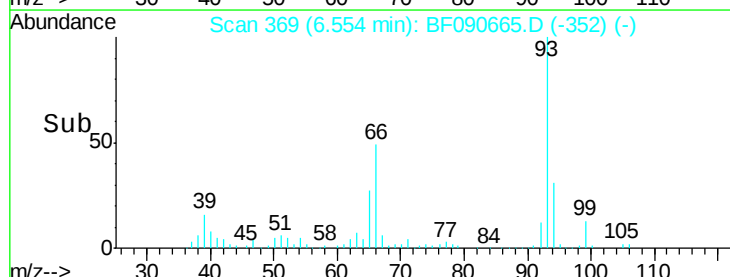
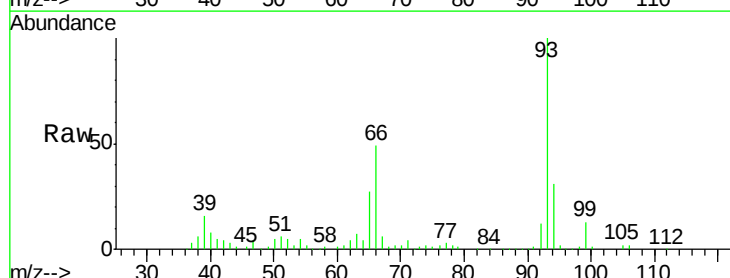
RT: 6.55 min Scan# 369

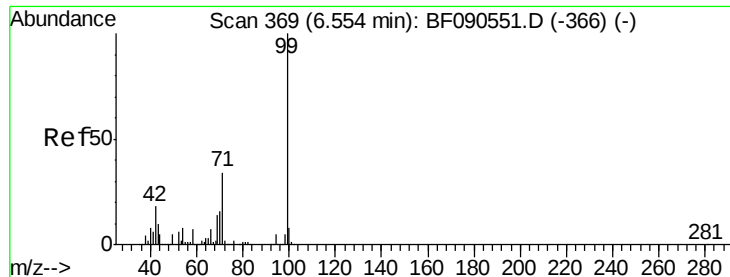
Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion:	93	Resp:	446538
Ion	Ratio	Lower	Upper
93	100		
66	49.3	42.2	63.2
65	27.1	22.9	34.3





#7

Phenol-d6

Concen: 80.13 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

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ClientSampled :

PB94148BS

Tgt Ion: 99 Resp: 1358445

Ion Ratio Lower Upper

99 100

42 14.8 14.7 22.1

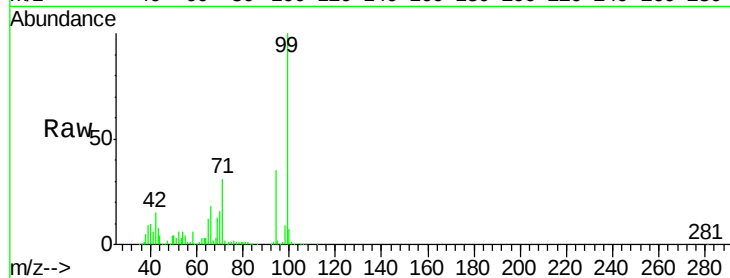
71 30.9 27.6 41.4

Manual Integrations

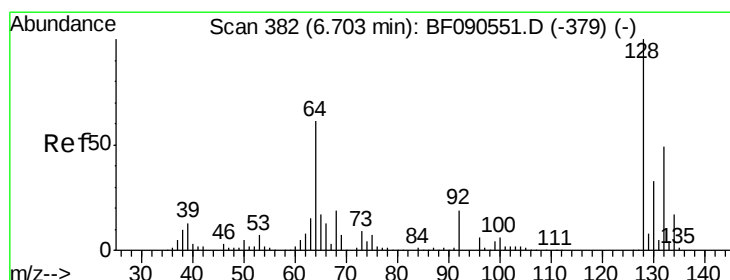
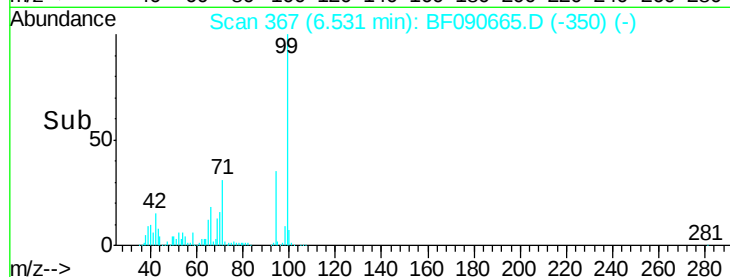
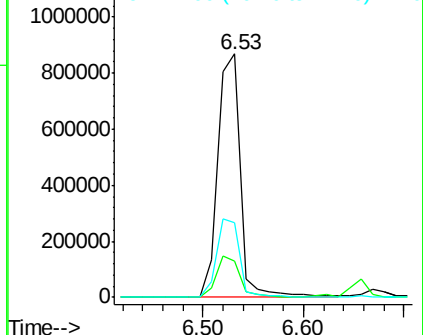
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.39 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

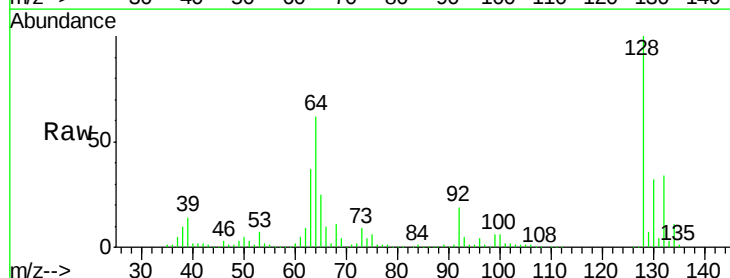
Tgt Ion: 128 Resp: 597595

Ion Ratio Lower Upper

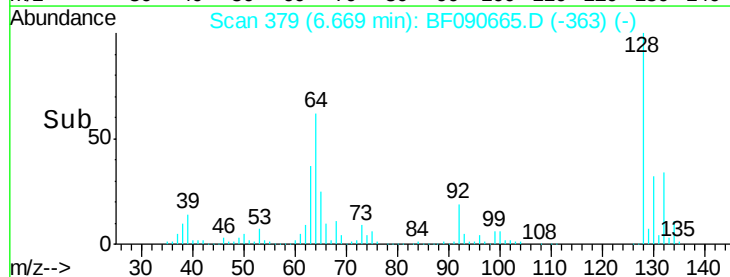
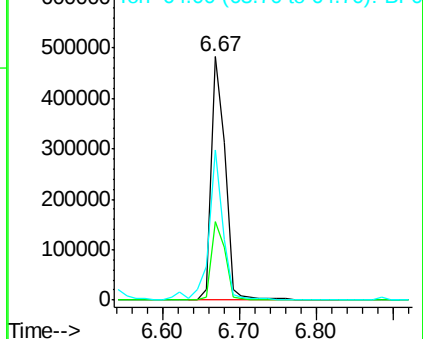
128 100

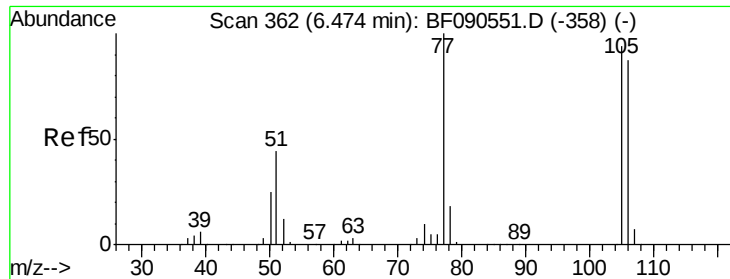
130 32.2 12.6 52.6

64 61.8 42.6 82.6



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: 13.71 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

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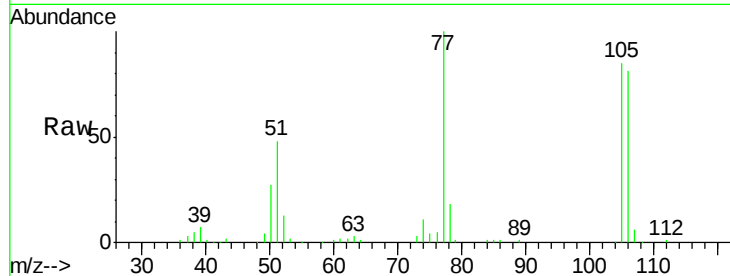
ClientSampleId :

PB94148BS

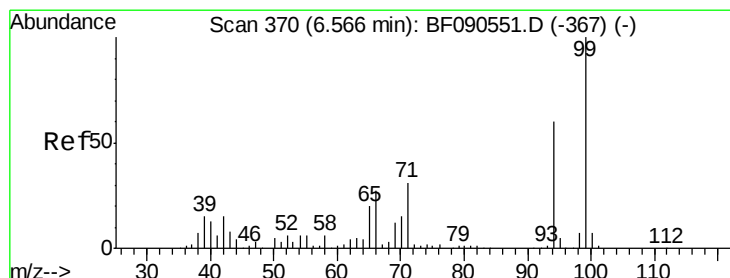
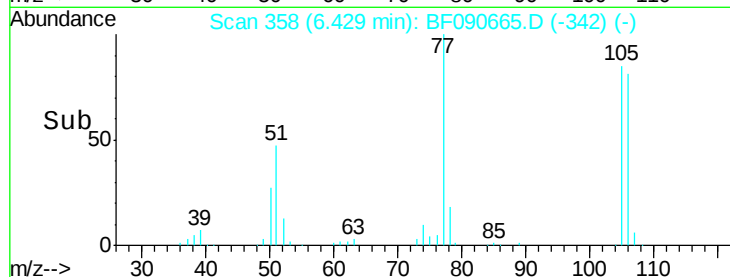
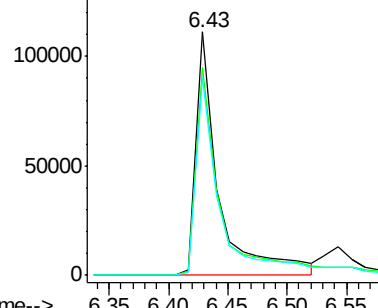
Tgt Ion:	77	Resp:	147776
Ion Ratio	Lower	Upper	
77	100		
105	85.3	74.3	114.3
106	81.0	67.2	107.2

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 40.88 ng

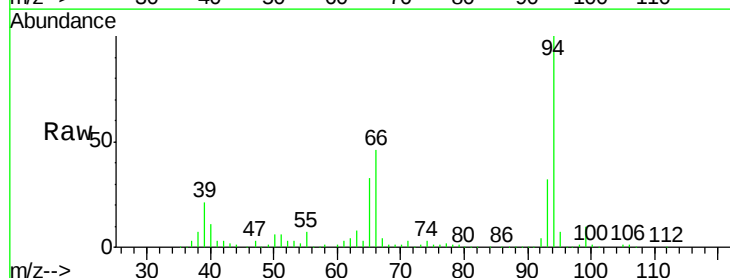
RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

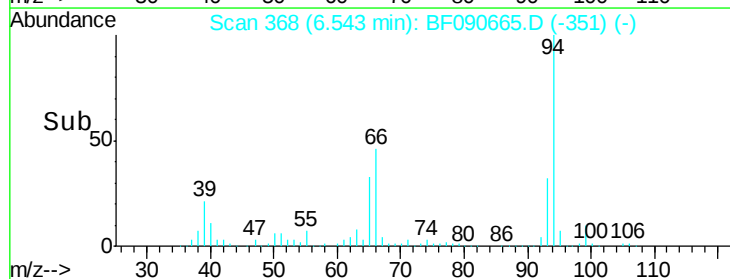
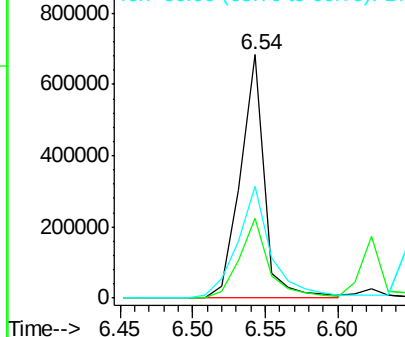
Lab File: BF090665.D

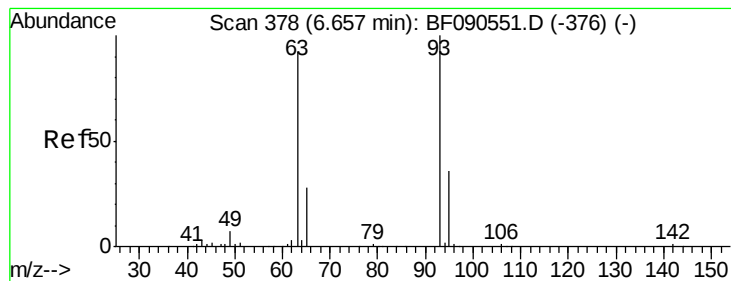
Acq: 19 Oct 2016 23:18

Tgt Ion:	94	Resp:	792629
Ion Ratio	Lower	Upper	
94	100		
65	32.8	12.5	52.5
66	46.1	25.5	65.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





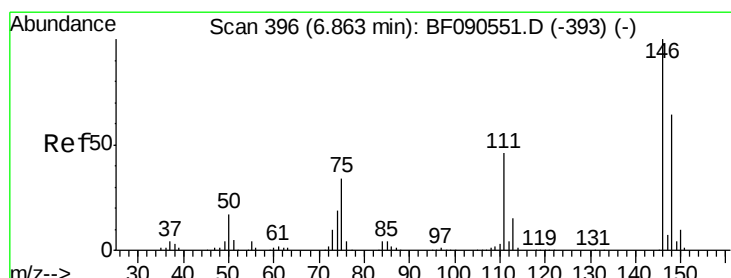
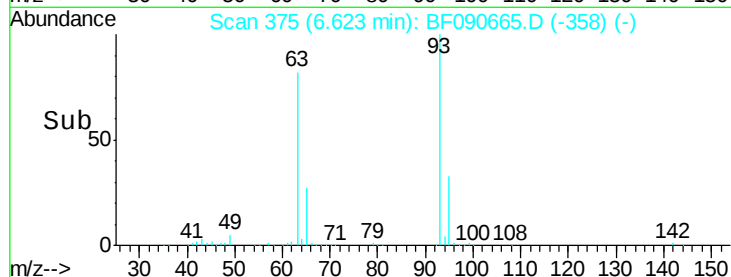
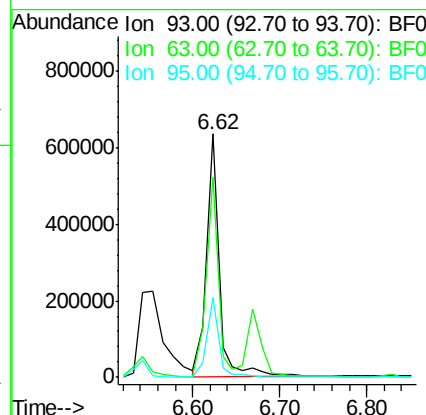
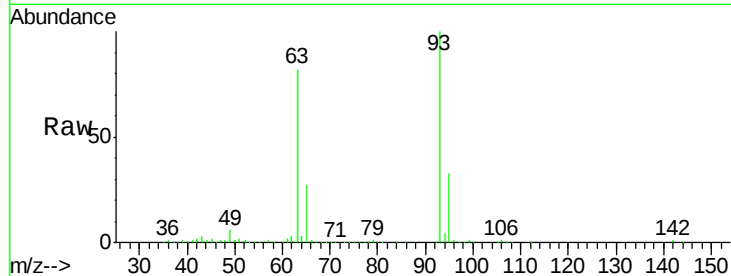
#11
bis(2-Chloroethyl)ether
Concen: 40.19 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	642946		
63	82.4	61.6	101.6	
95	32.9	11.8	51.8	

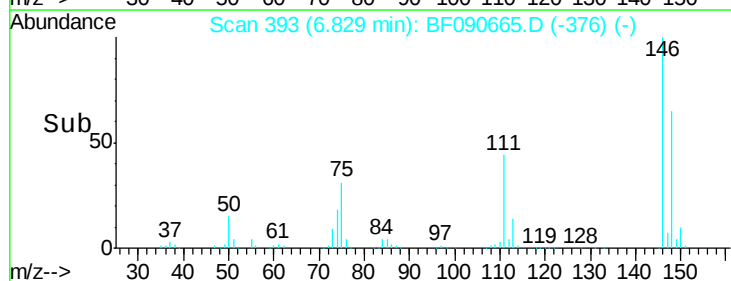
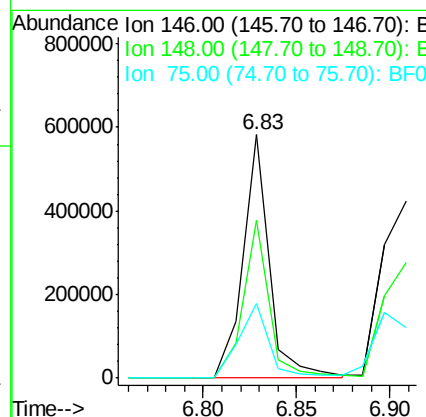
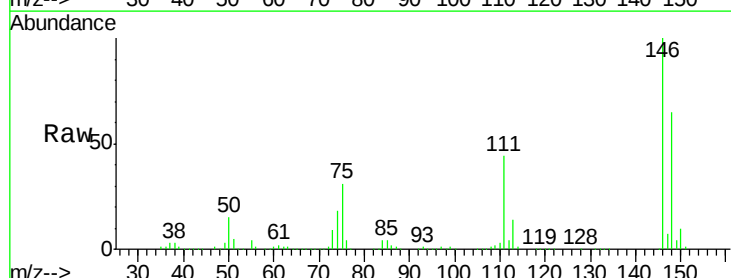
Manual Integrations
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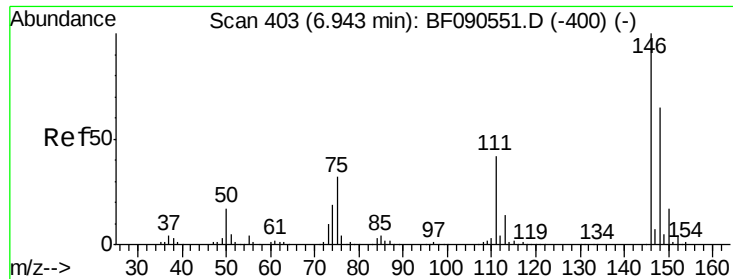
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#12
1,3-Dichlorobenzene
Concen: 38.92 ng
RT: 6.83 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	574297		
148	64.8	51.4	77.2	
75	30.7	27.0	40.6	





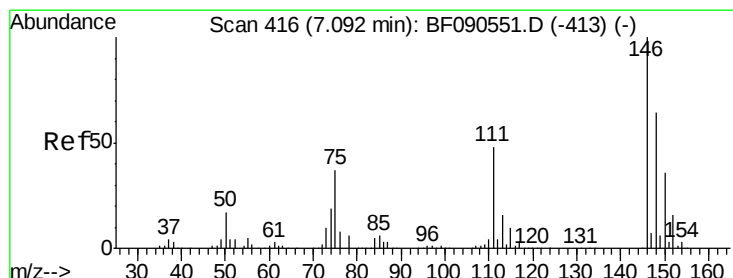
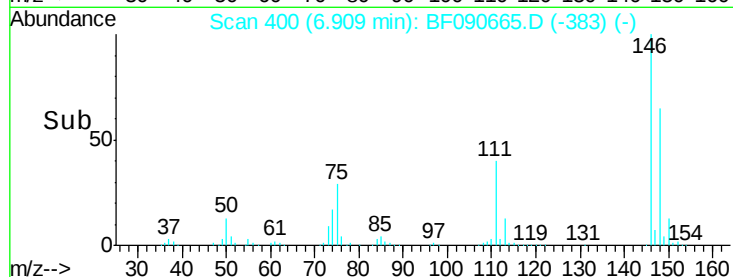
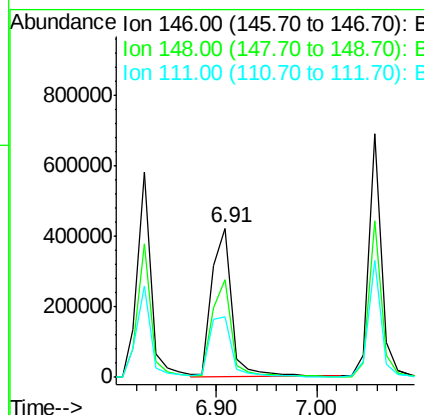
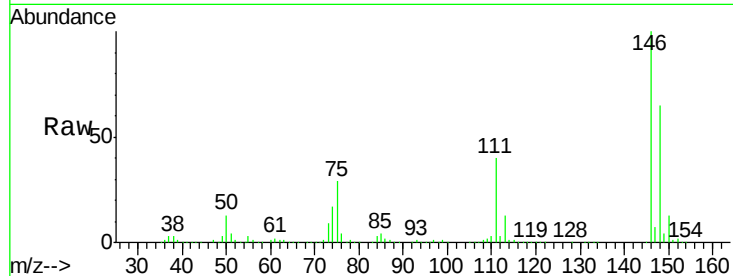
#13
1,4-Dichlorobenzene
Concen: 36.57 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	40.3	33.7	50.5

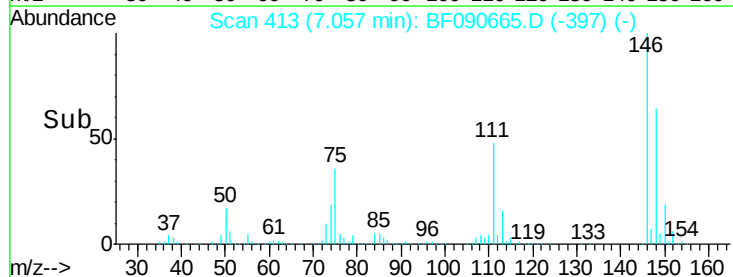
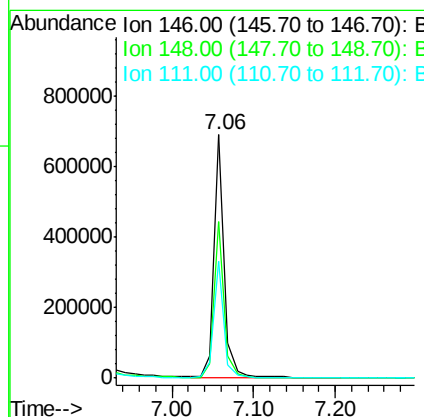
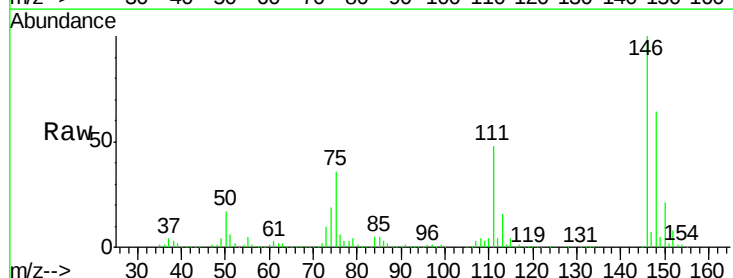
Manual Integrations
APPROVED

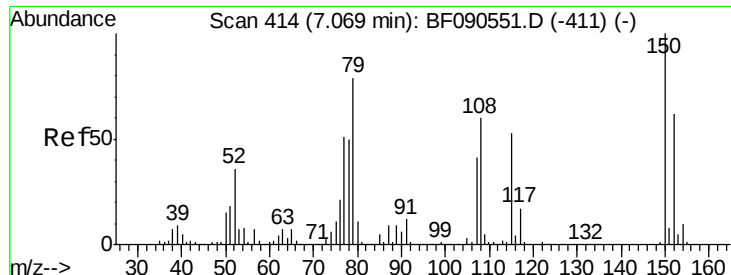
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#14
1,2-Dichlorobenzene
Concen: 40.40 ng
RT: 7.06 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	48.2	38.2	57.2





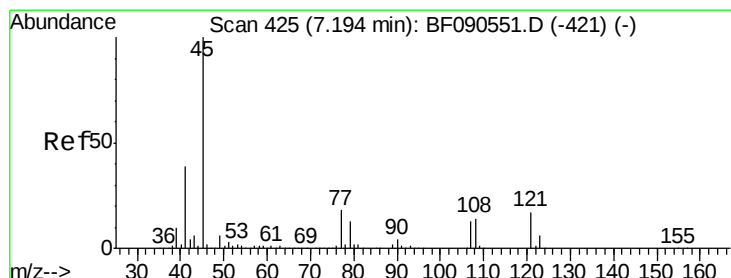
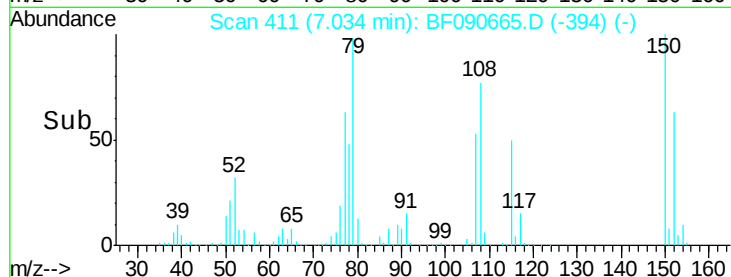
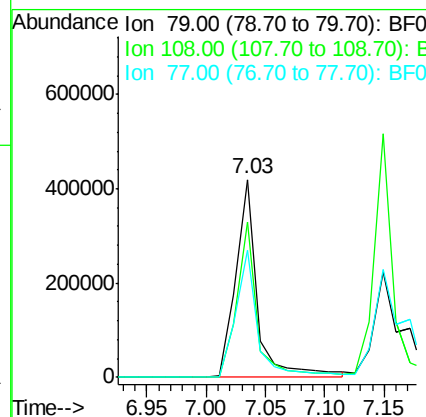
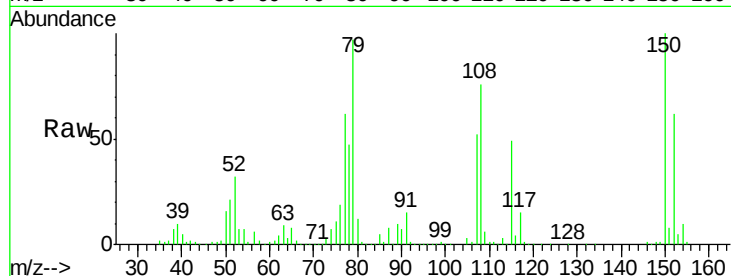
#15
Benzyl Alcohol
Concen: 46.13 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.2	90.4
77	64.0	52.0	78.0

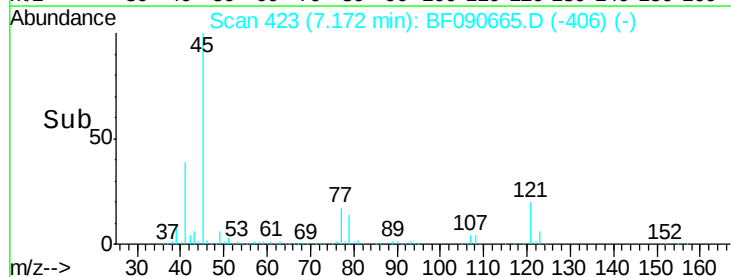
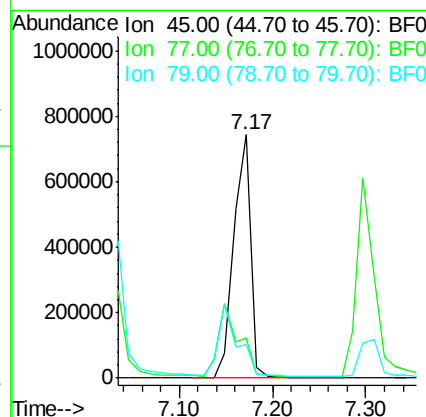
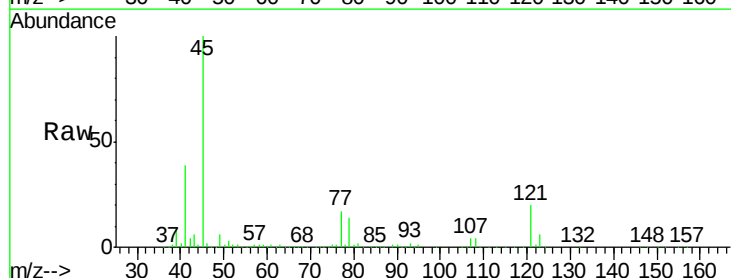
Manual Integrations
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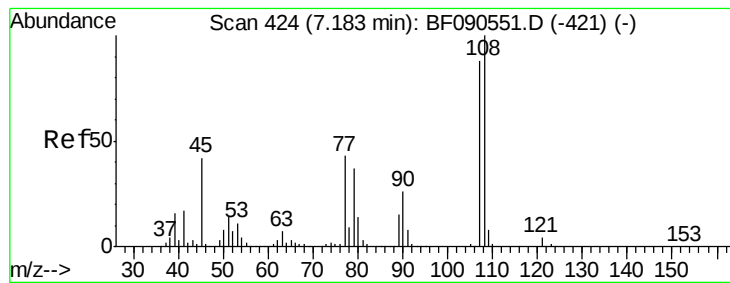
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.31 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

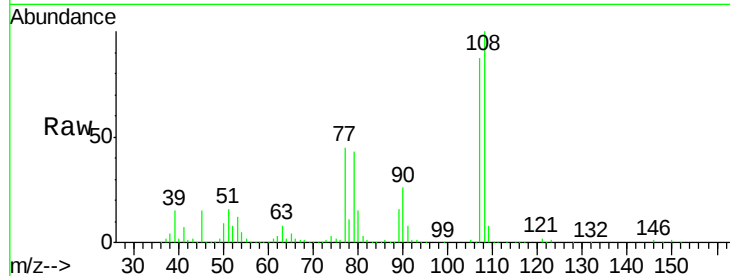
Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.9	40.9
79	13.8	0.0	37.3





#17
2-Methylphenol
Concen: 43.09 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

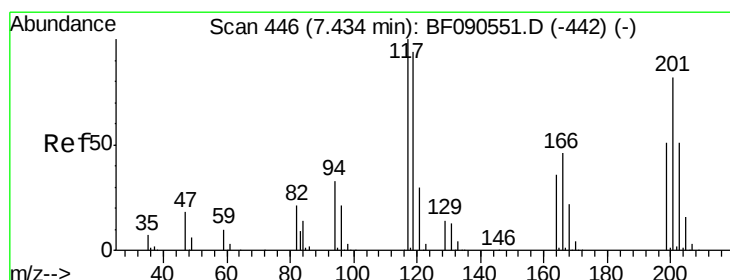
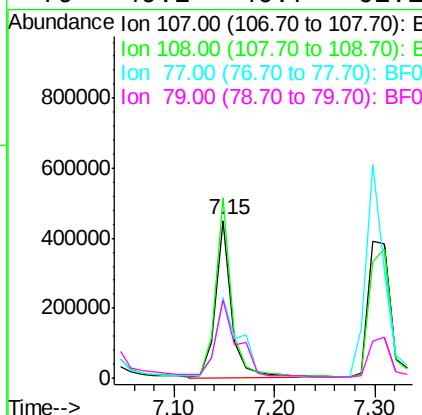
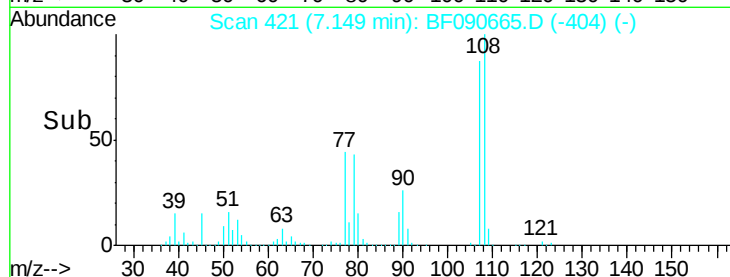
Instrument :
BNA_F
ClientSampleId :
PB94148BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	496828		
108	114.4	92.6	138.8	
77	50.9	42.2	63.2	
79	49.2	40.7	61.1	

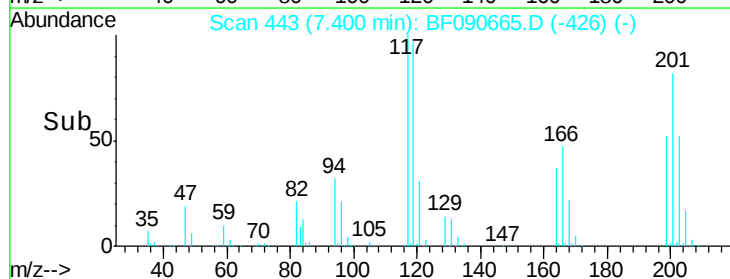
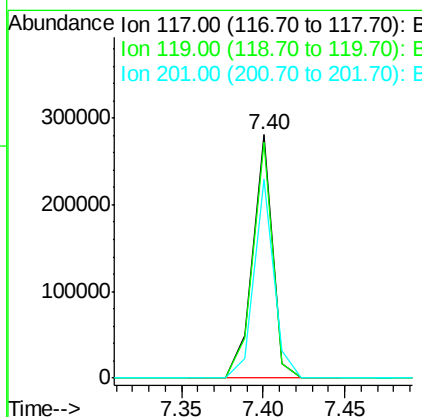
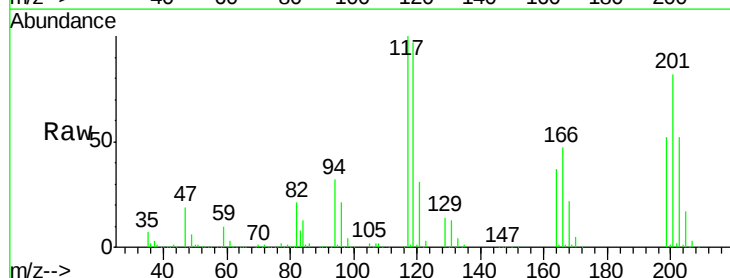
Manual Integrations
APPROVED

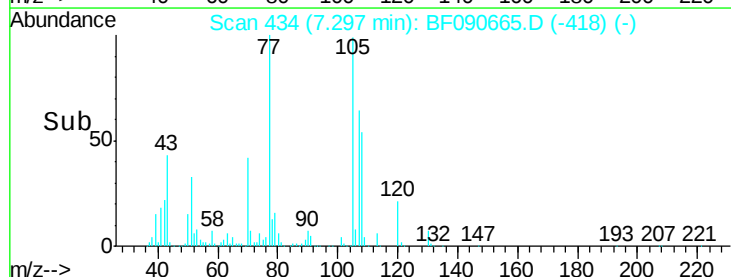
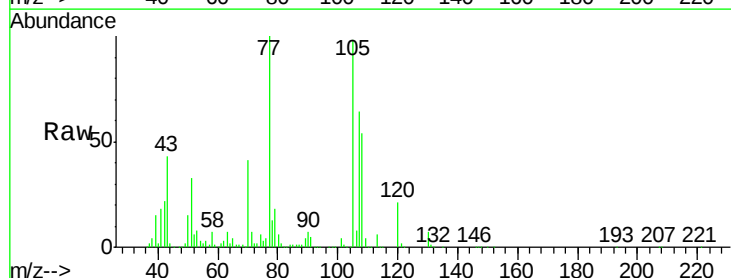
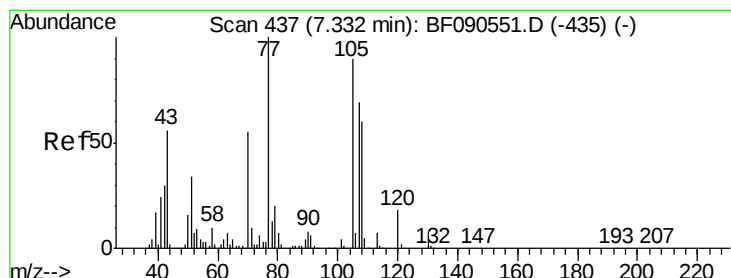
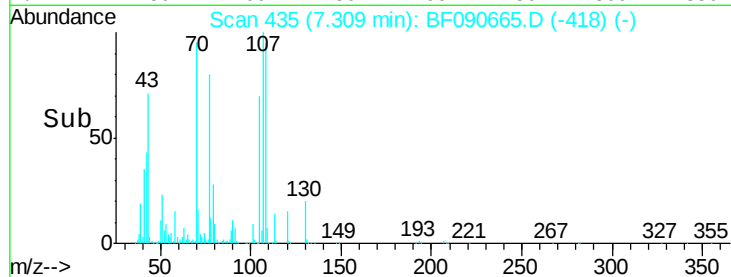
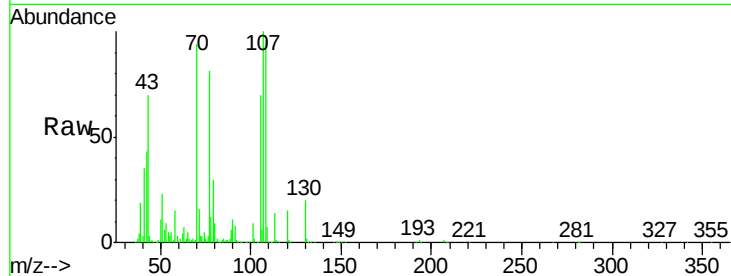
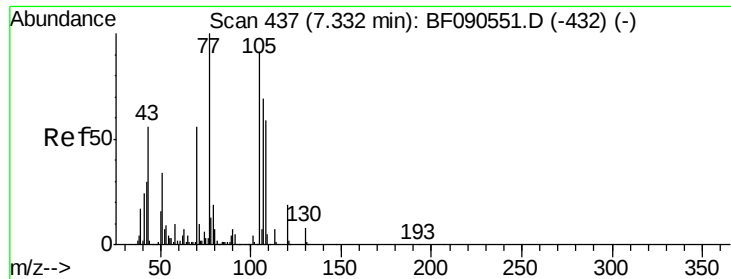
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#18
Hexachloroethane
Concen: 37.68 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	238943		
119	97.0	75.6	113.4	
201	81.7	65.4	98.0	





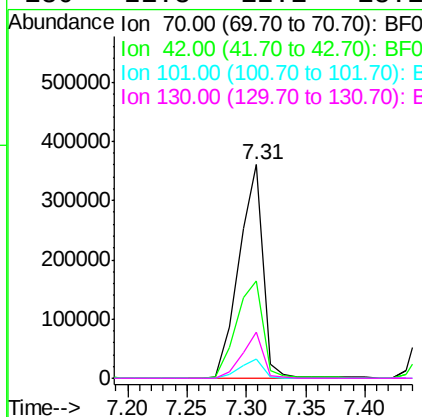
#19
n-Nitroso-di-n-propylamine
Concen: 43.59 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	45.5	43.4	65.0
101	9.2	6.4	9.6
130	21.3	12.1	18.1

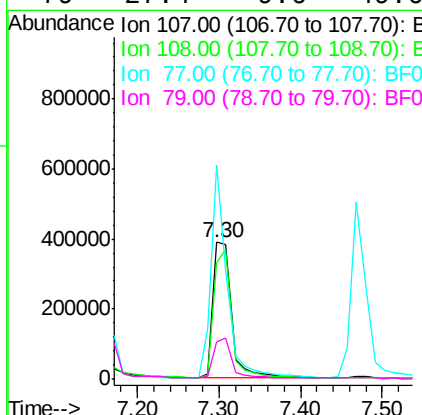
Manual Integrations
APPROVED

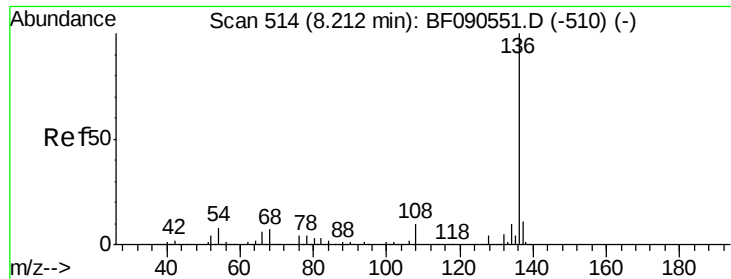
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#20
3+4-Methylphenols
Concen: 44.07 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	85.1	67.7	107.7
77	156.1	123.1	163.1
79	27.4	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

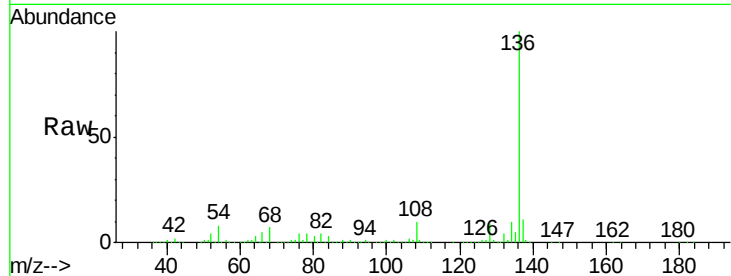
ClientSampleId :

PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	903105		
137	11.0	8.8	13.2	
54	7.7	6.8	10.2	
68	6.9	6.0	9.0	

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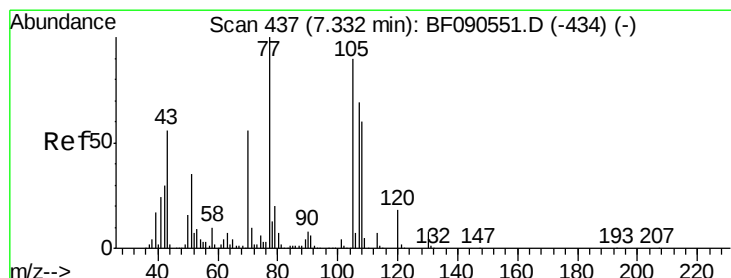
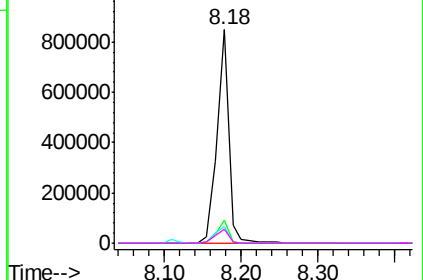
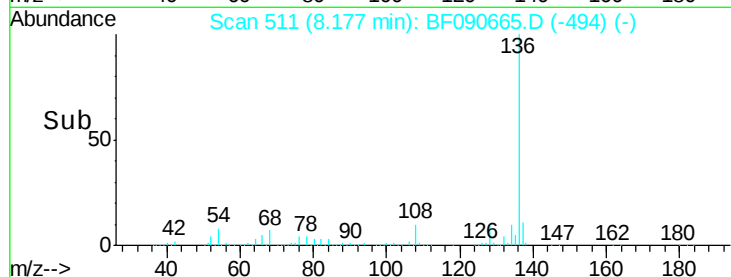


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.87 ng

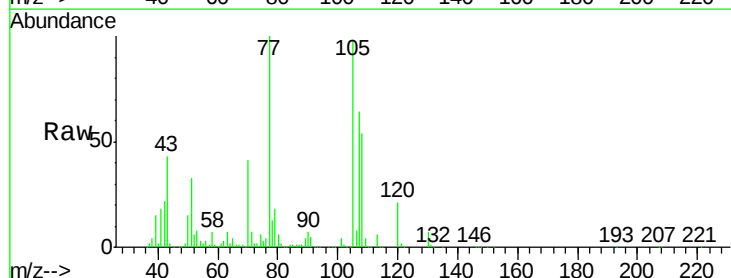
RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	815396		
71	7.0	8.5	12.7#	
51	33.5	31.0	46.4	
120	21.3	16.2	24.4	

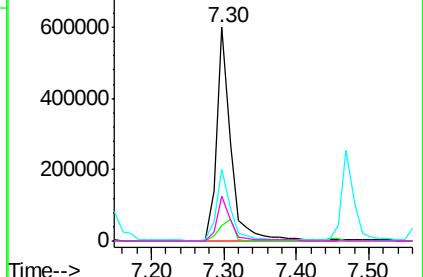
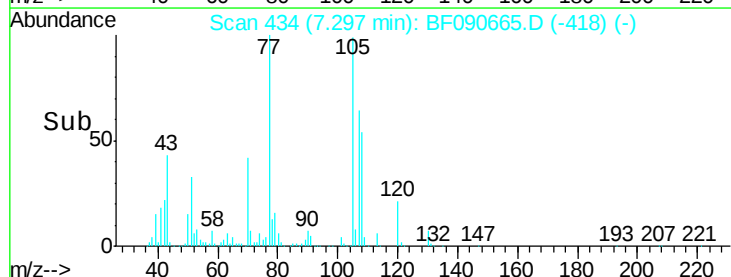


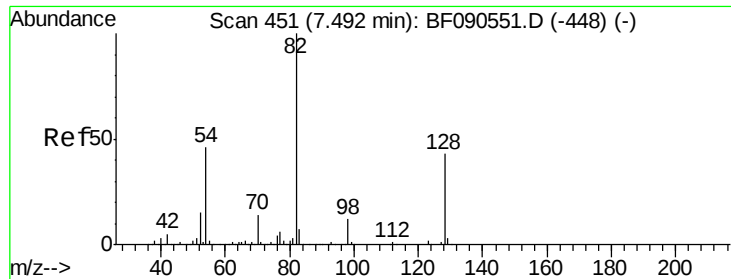
Abundance Ion 105.00 (104.70 to 105.70): E

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





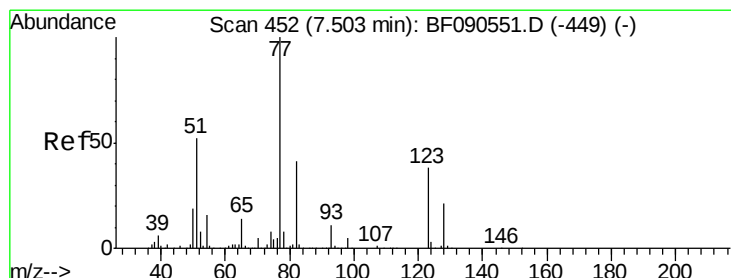
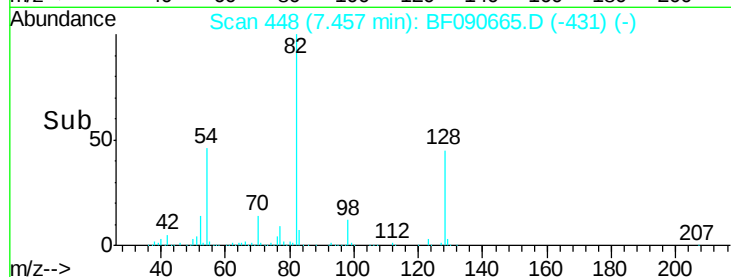
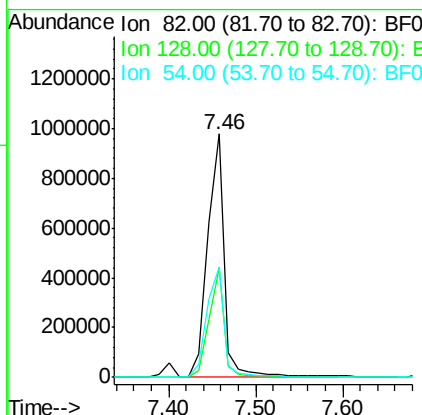
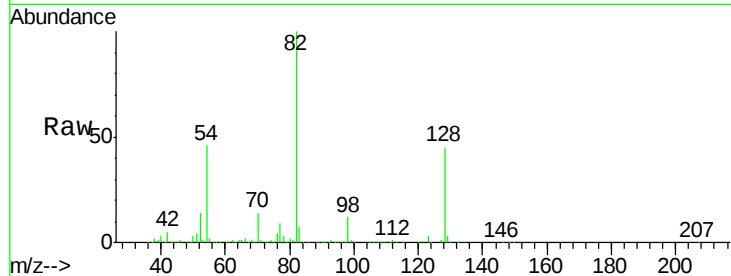
#23
 Nitrobenzene-d5
 Concen: 81.01 ng
 RT: 7.46 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion: 82 Resp: 1316986
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.3 51.5
 54 45.6 37.0 55.6

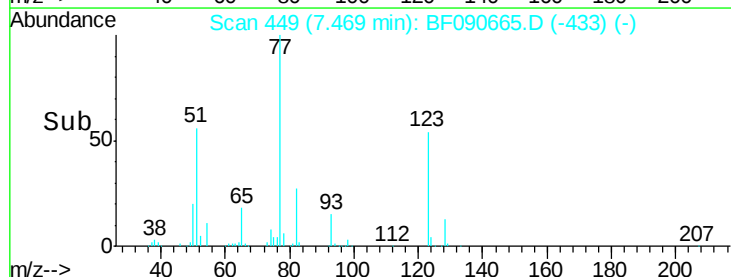
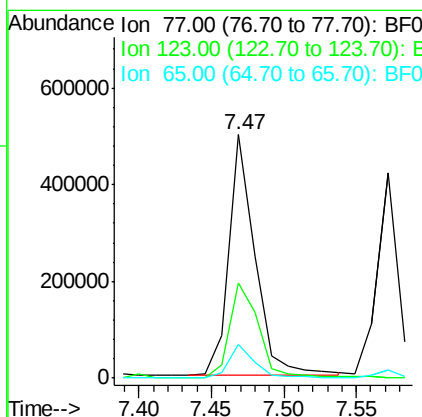
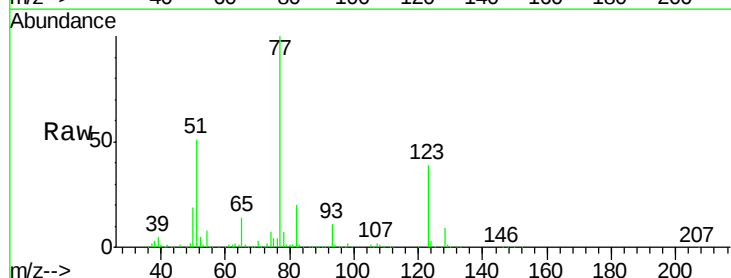
Manual Integrations
 APPROVED

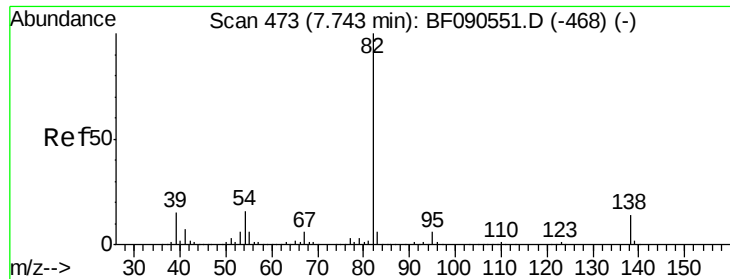
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#24
 Nitrobenzene
 Concen: 37.80 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion: 77 Resp: 630658
 Ion Ratio Lower Upper
 77 100
 123 38.9 29.8 44.6
 65 14.0 10.9 16.3





#25

Isophorone

Concen: 42.58 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tgt Ion: 82 Resp: 1259905

Ion Ratio Lower Upper

82 100

95 6.4 5.0 7.6

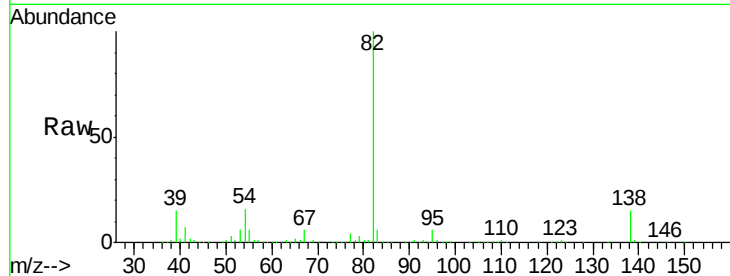
138 14.6 11.5 17.3

Manual Integrations

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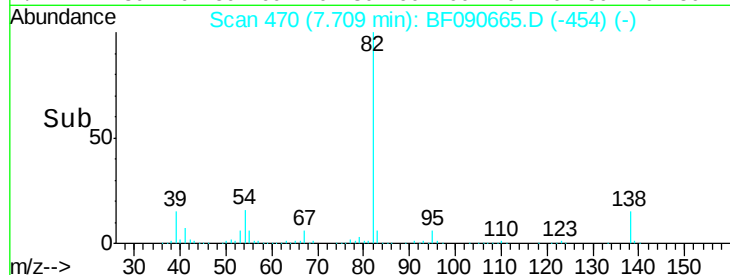


Abundance Ion 82.00 (81.70 to 82.70): BF0

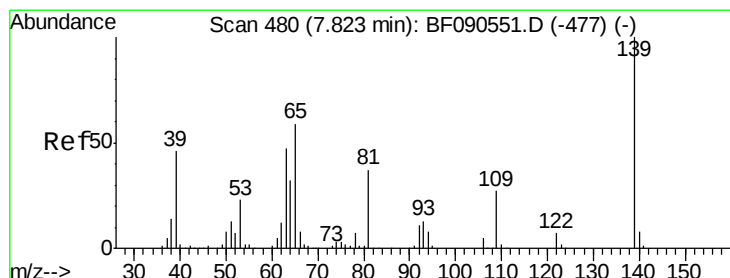
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#26

2-Nitrophenol

Concen: 36.31 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

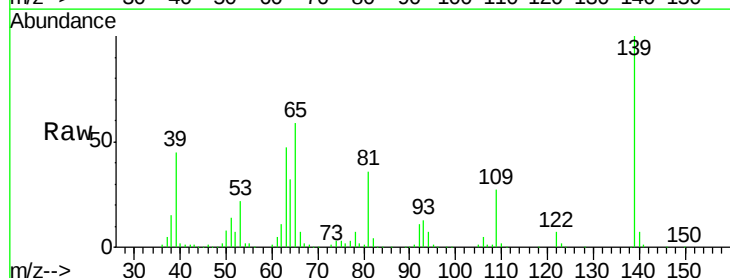
Tgt Ion: 139 Resp: 274861

Ion Ratio Lower Upper

139 100

109 27.5 21.8 32.6

65 59.0 47.7 71.5

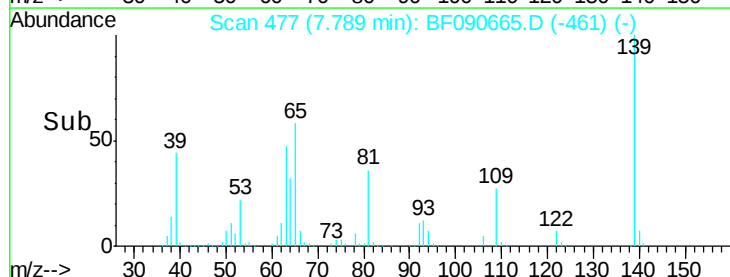


Abundance Ion 139.00 (138.70 to 139.70): E

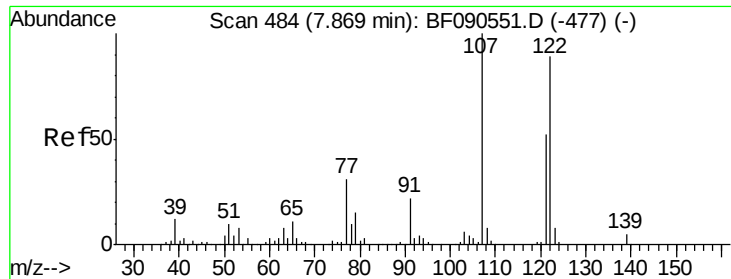
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



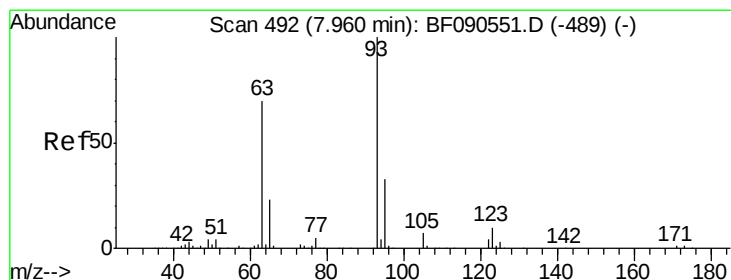
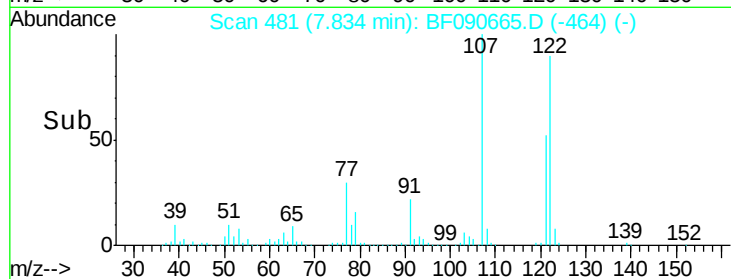
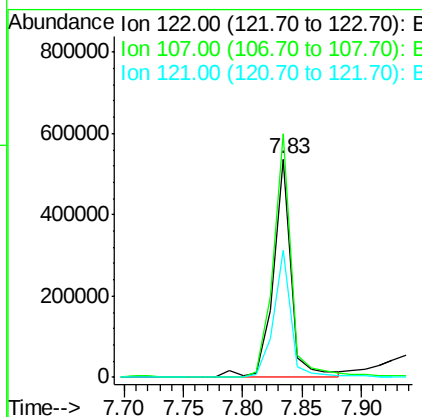
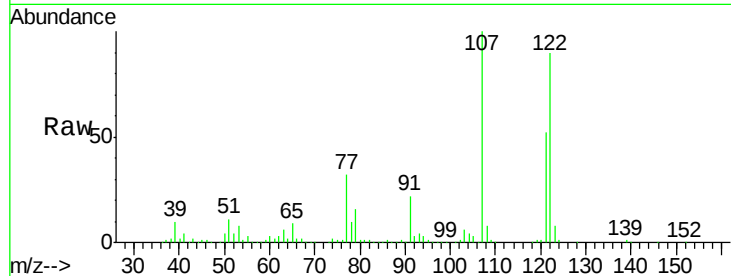
#27
 2,4-Dimethylphenol
 Concen: 45.65 ng
 RT: 7.83 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	573452		
107	111.5	89.8	134.6	
121	58.0	46.1	69.1	

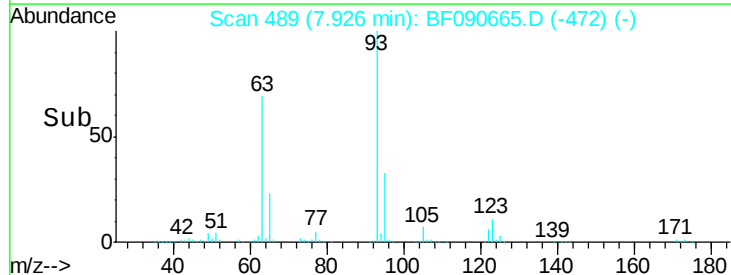
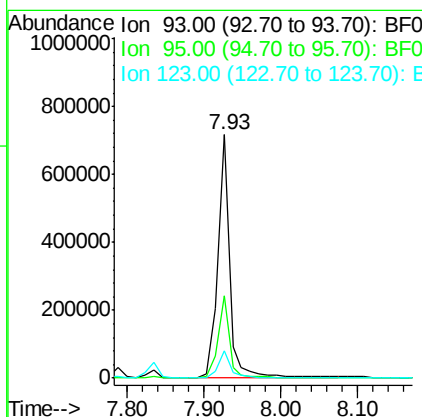
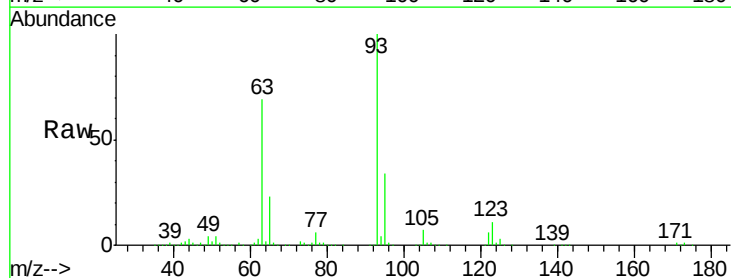
Manual Integrations
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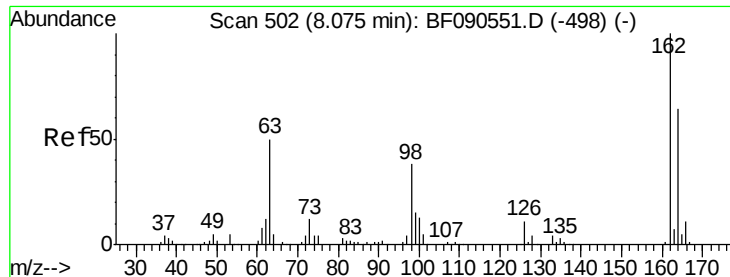
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.18 ng
 RT: 7.93 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	771898		
95	33.6	26.2	39.2	
123	11.1	8.6	13.0	





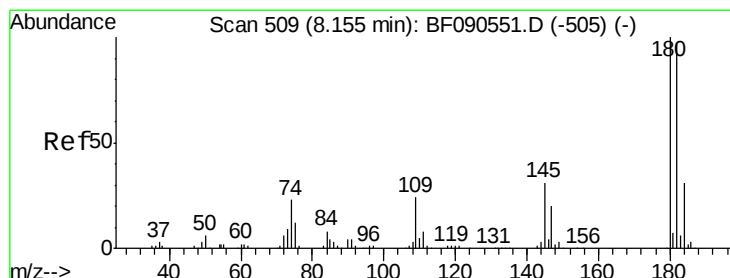
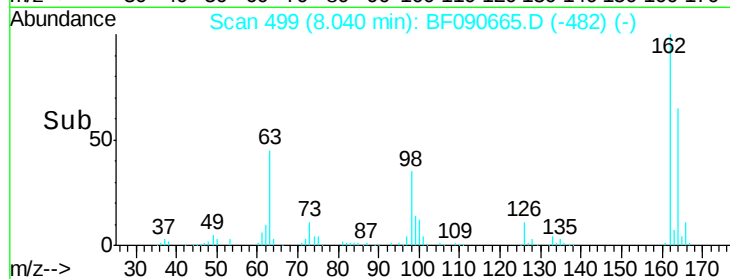
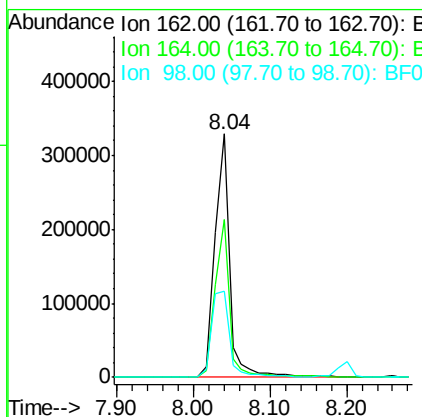
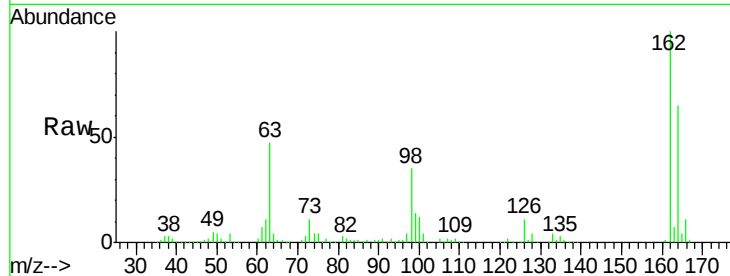
#29
 2,4-Dichlorophenol
 Concen: 39.86 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	438516		
164	65.0	44.0	84.0	
98	35.4	18.0	58.0	

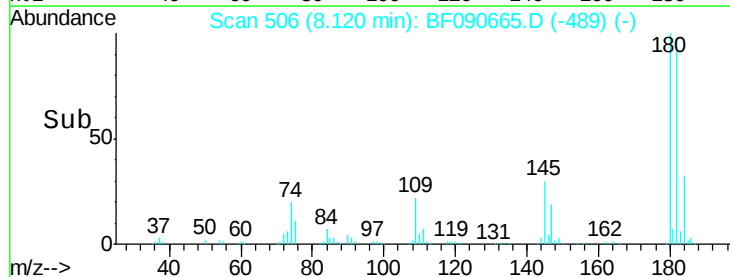
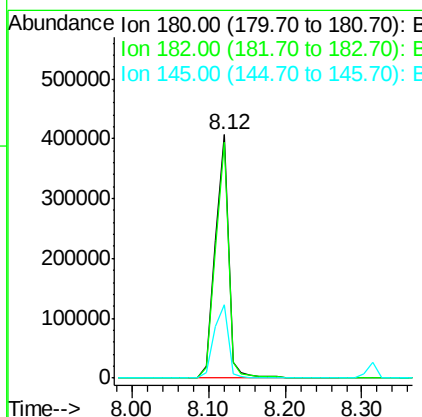
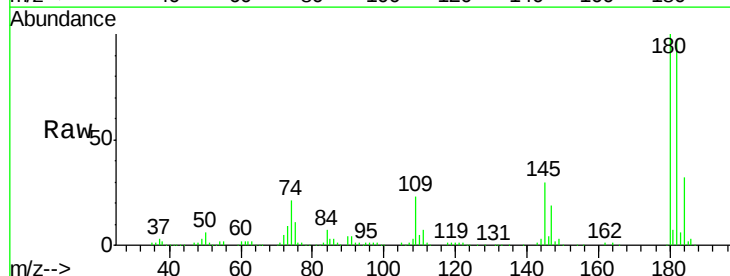
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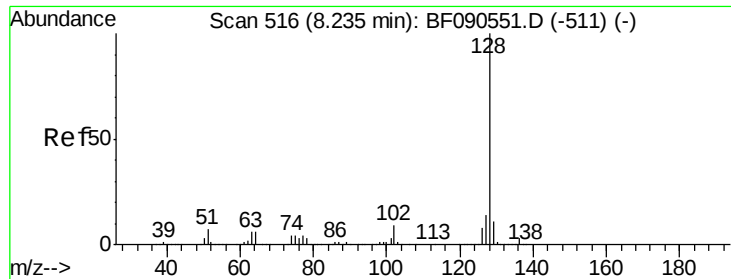
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.82 ng
 RT: 8.12 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	487309		
182	96.7	77.2	115.8	
145	30.1	24.4	36.6	





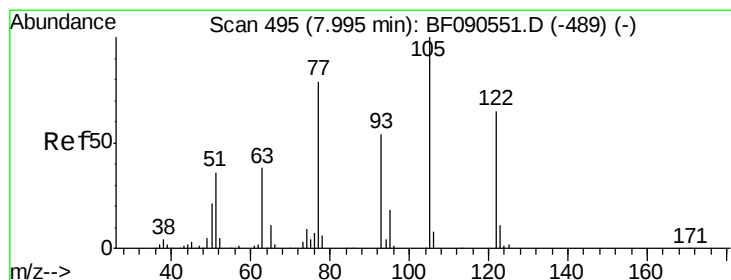
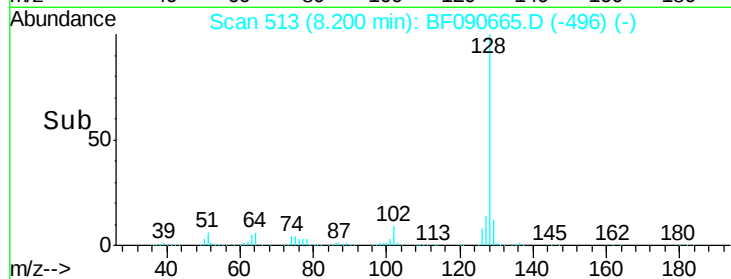
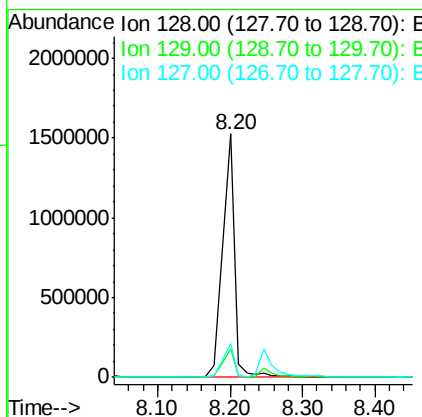
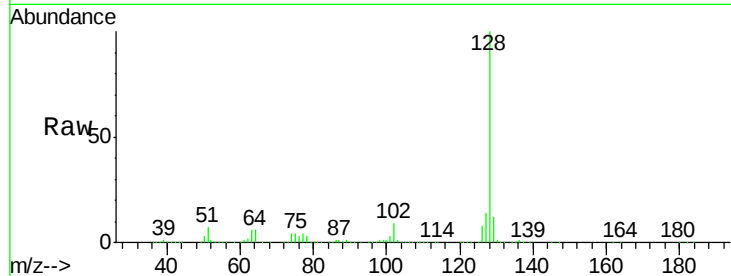
#31
Naphthalene
Concen: 38.14 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion:128 Resp: 1754691
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.7 10.8 16.2

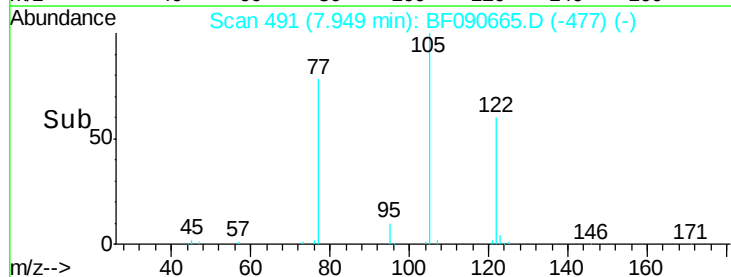
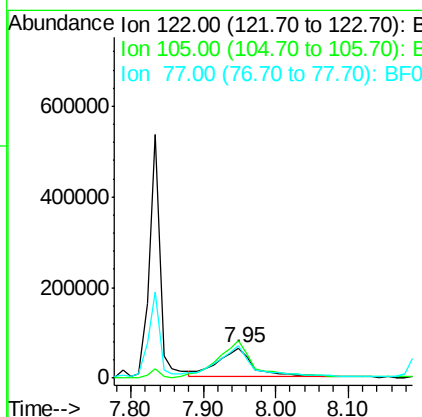
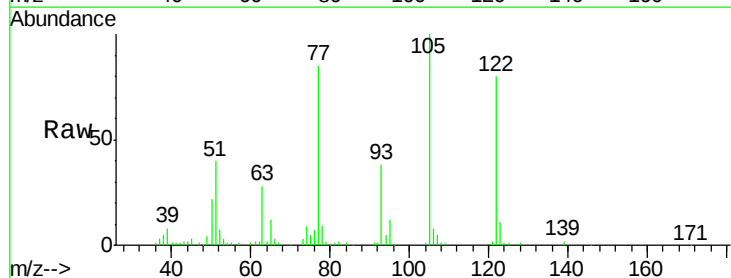
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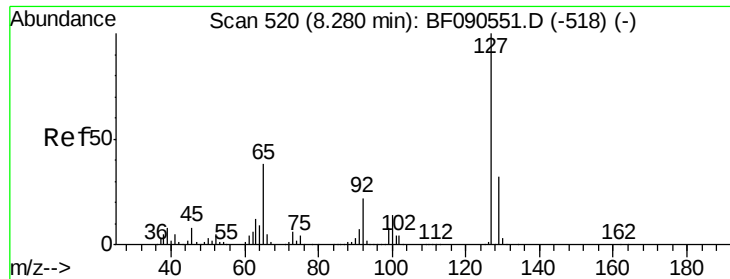
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#32
Benzoic acid
Concen: 27.81 ng
RT: 7.95 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion:122 Resp: 214585
Ion Ratio Lower Upper
122 100
105 124.9 101.1 141.1
77 106.1 84.7 124.7





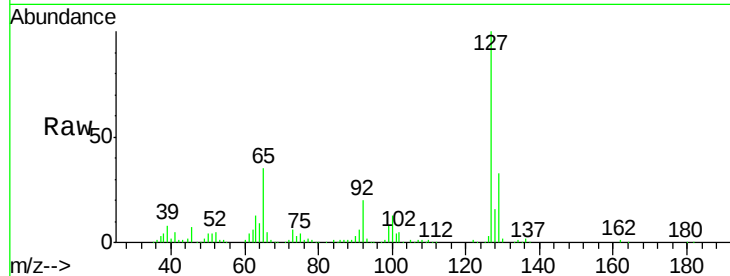
#33
4-Chloroaniline
Concen: 14.46 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

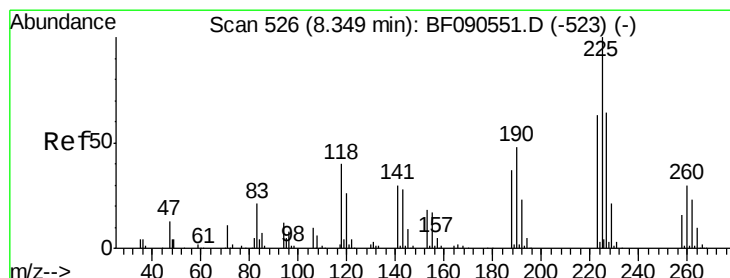
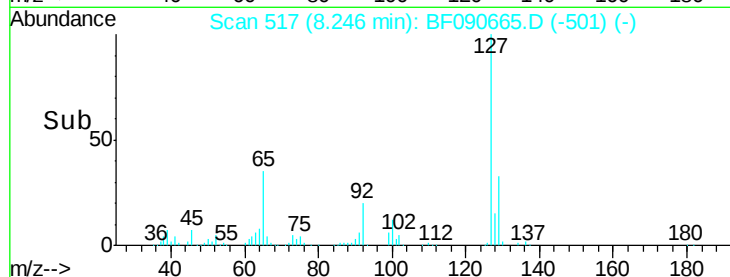
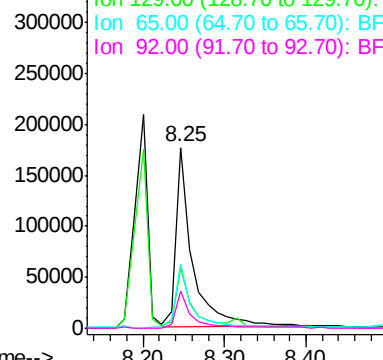
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	254166		
129	33.0	26.2	39.2	
65	35.4	30.1	45.1	
92	20.4	17.2	25.8	

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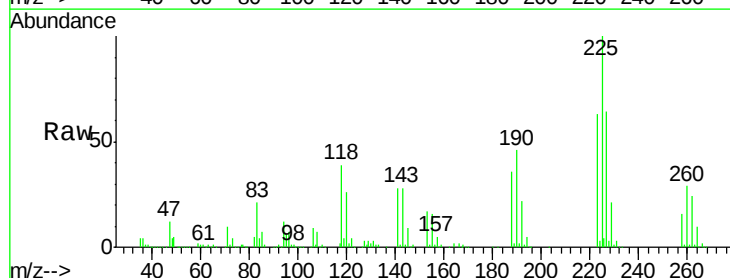


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

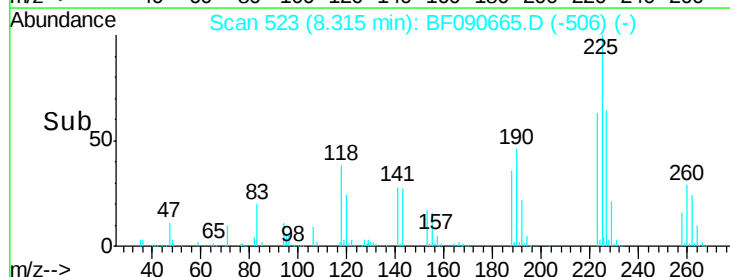
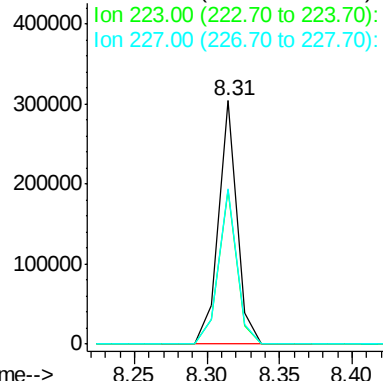


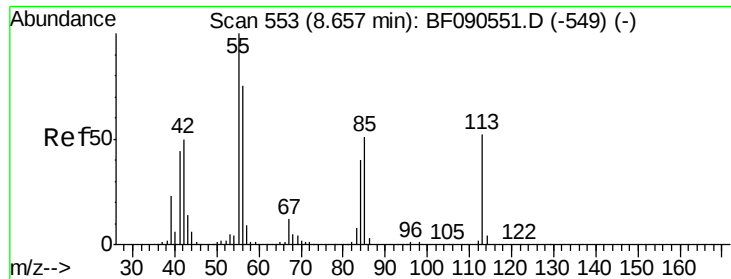
#34
Hexachlorobutadiene
Concen: 37.59 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	270602		
223	63.0	50.6	76.0	
227	64.0	51.4	77.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.93 ng

RT: 8.62 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

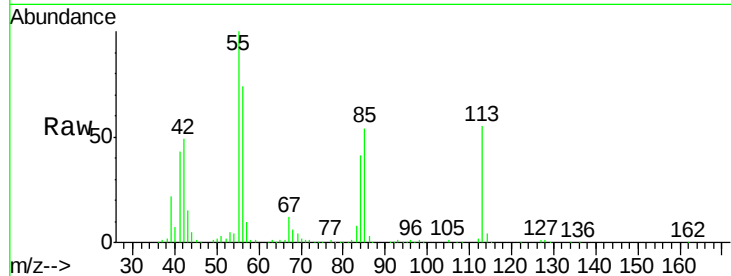
ClientSampleId :

PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	153317		
55	183.3	170.8	210.8	
56	136.3	122.4	162.4	

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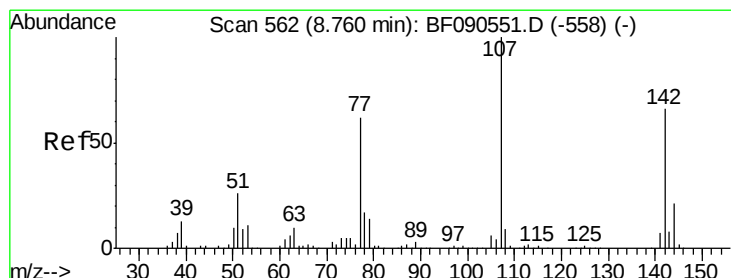
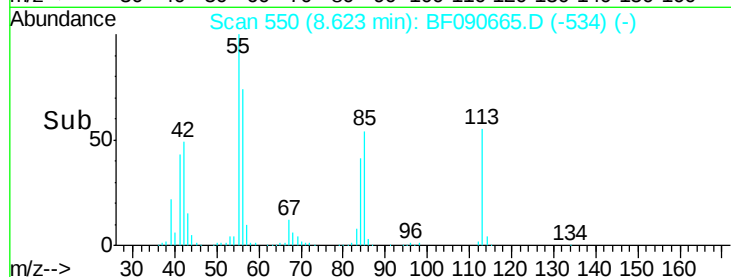
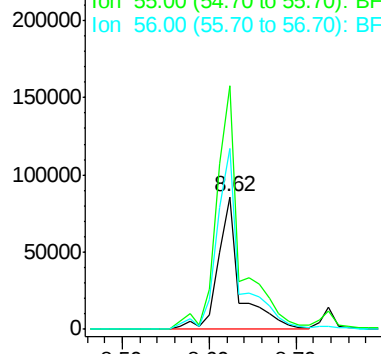
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.46 ng

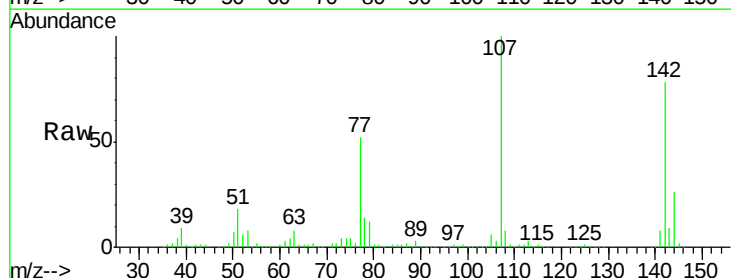
RT: 8.74 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

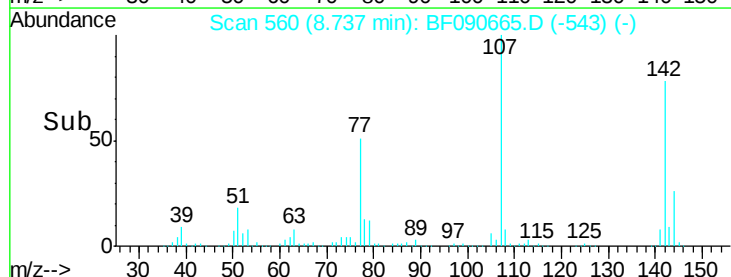
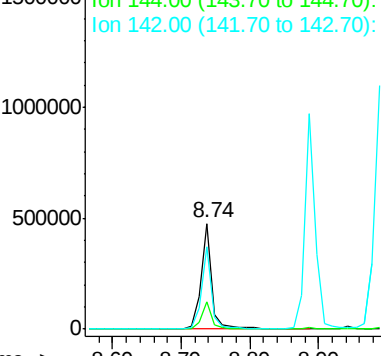
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	526329		
144	25.7	16.9	25.3#	
142	78.3	52.5	78.7	

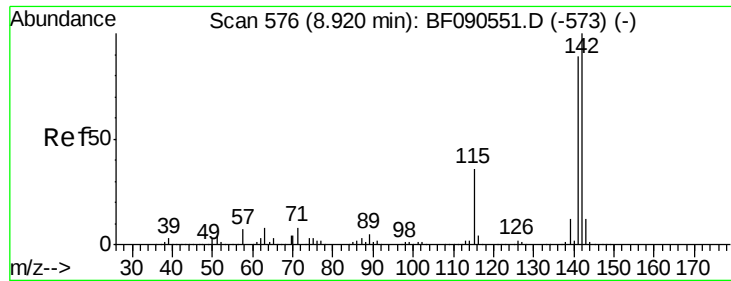


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





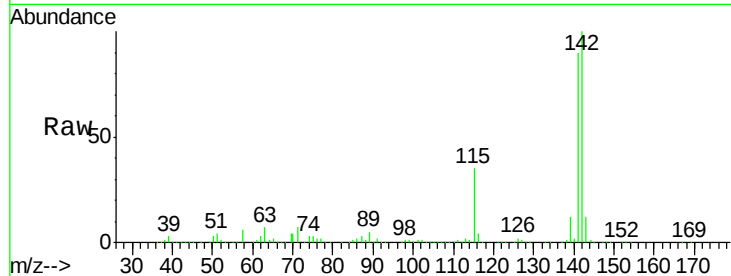
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 8.89 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

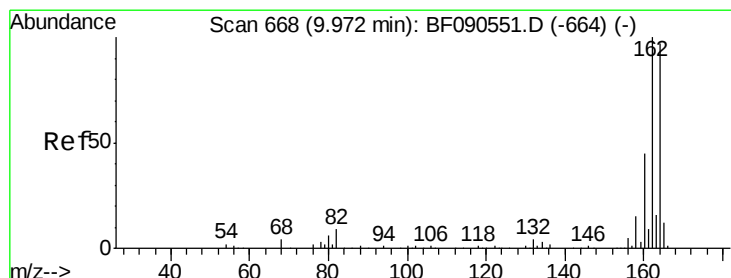
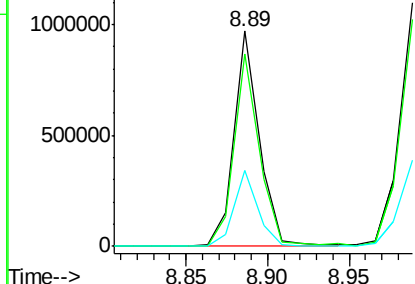
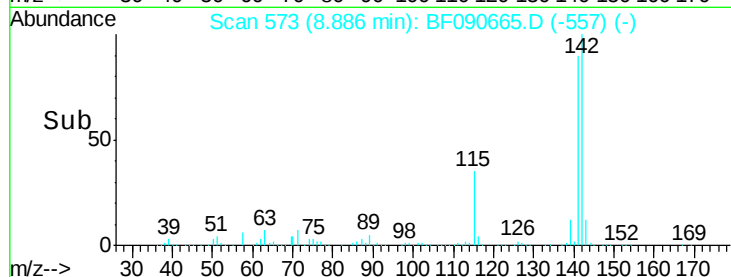
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	35.4	28.8	43.2

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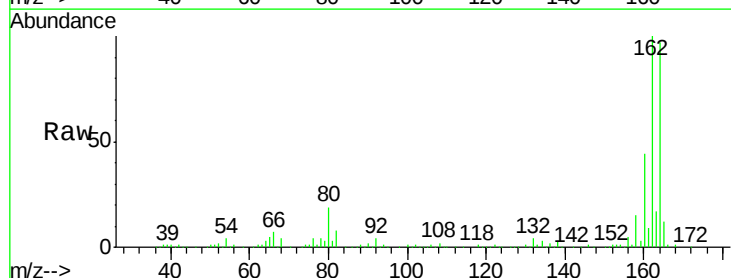


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

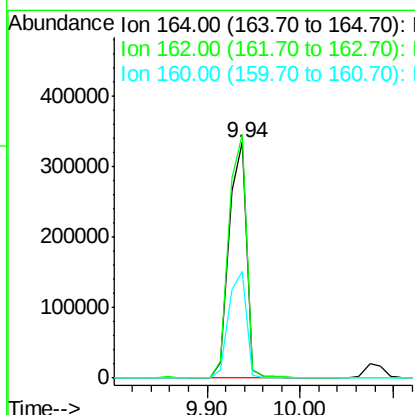
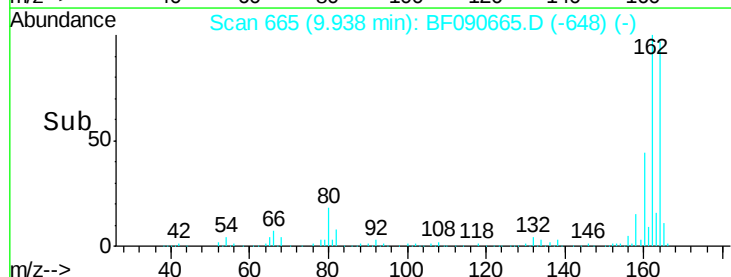


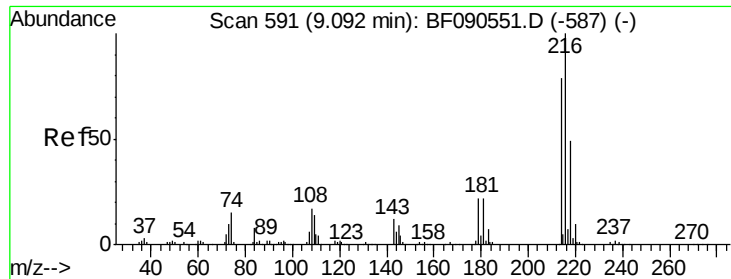
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.4
160	45.3	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





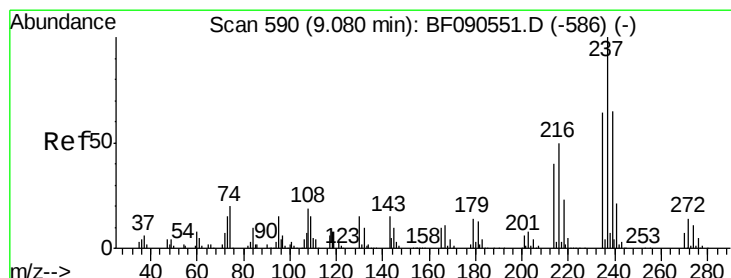
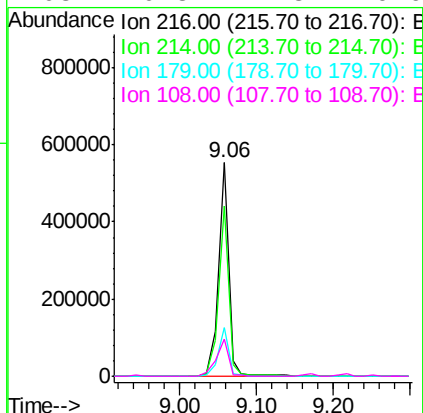
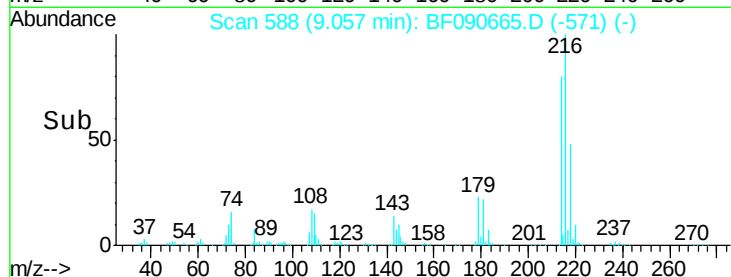
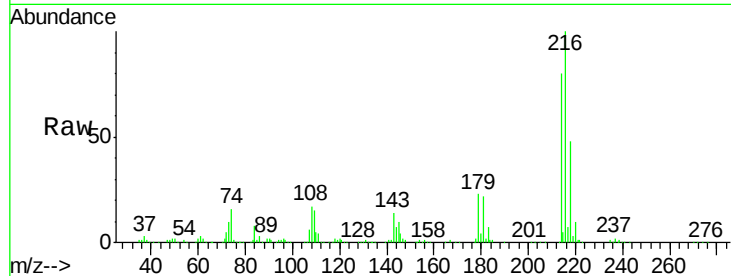
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.65 ng
 RT: 9.06 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:	216	Resp:	511702
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.5	95.3
179	23.0	18.9	28.3
108	20.8	17.8	26.6

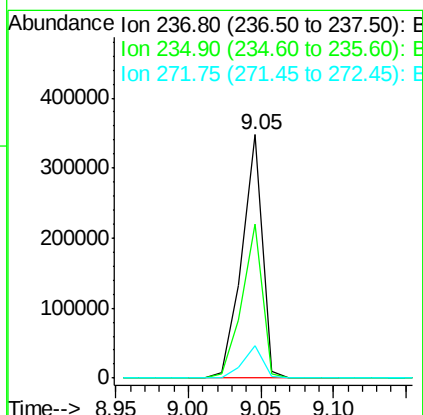
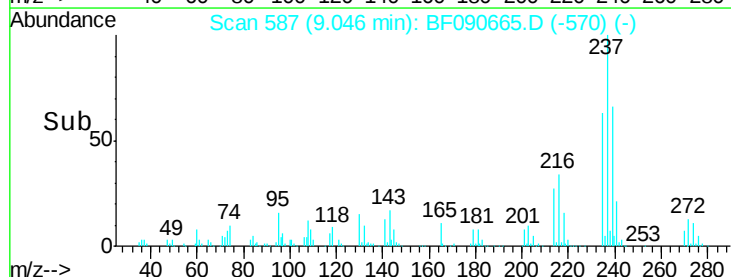
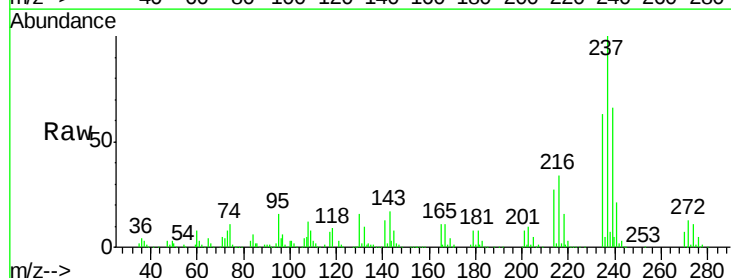
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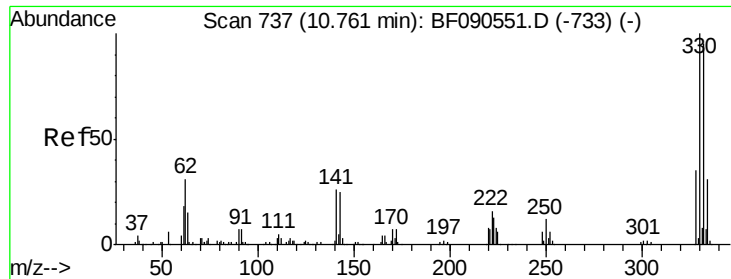
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#40
 Hexachlorocyclopentadiene
 Concen: 59.73 ng
 RT: 9.05 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:	237	Resp:	342084
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.8	83.8
272	13.4	0.0	33.7





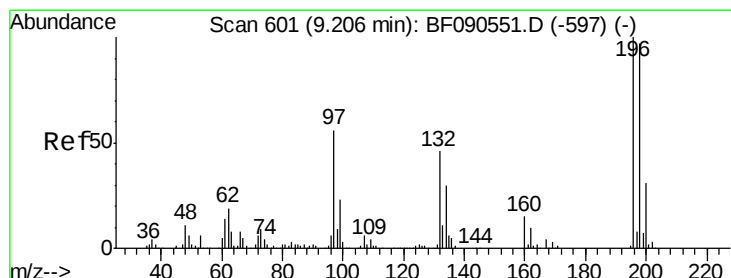
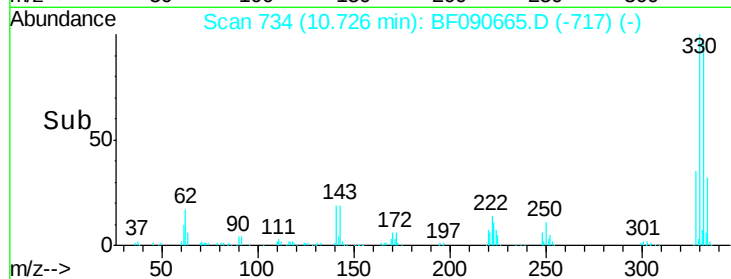
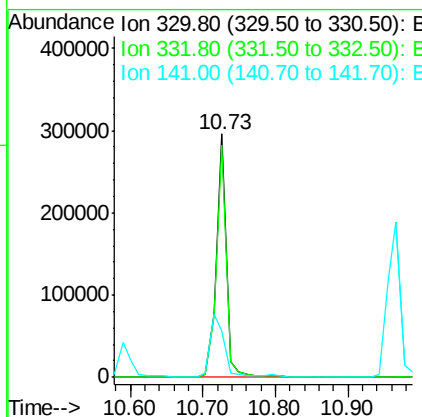
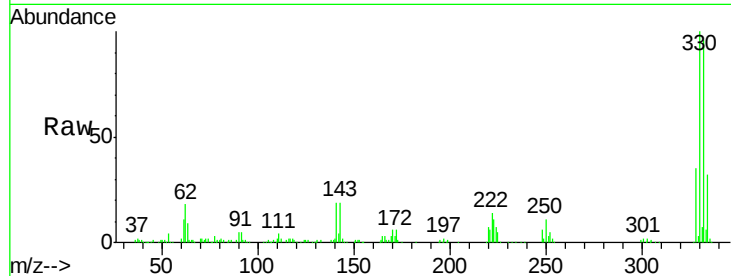
#41
 2,4,6-Tribromophenol
 Concen: 73.10 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	288156		
332	96.1	76.2	114.2	
141	34.8	31.4	47.2	

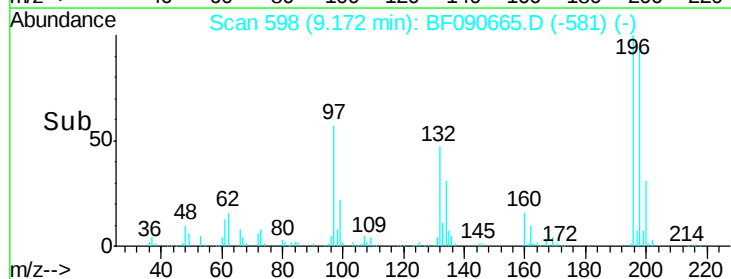
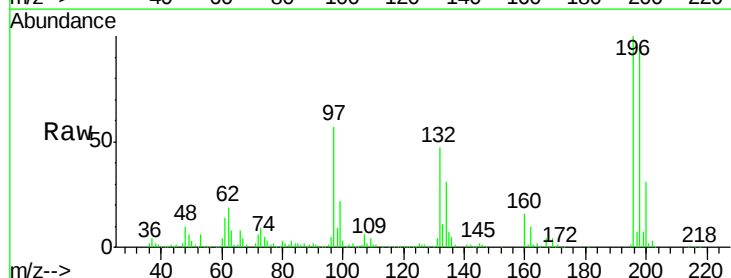
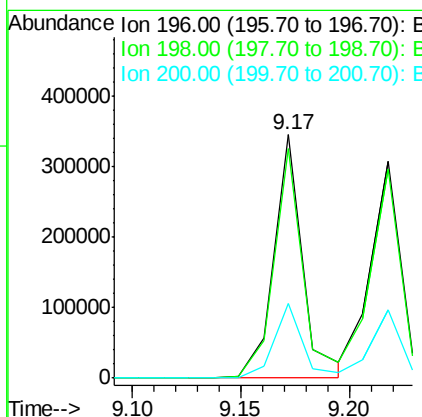
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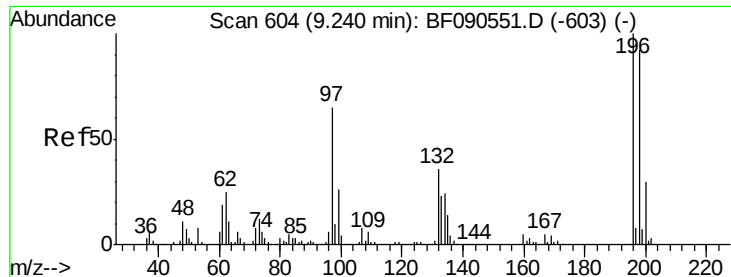
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 48.61 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321424		
198	94.5	77.9	116.9	
200	30.9	25.1	37.7	





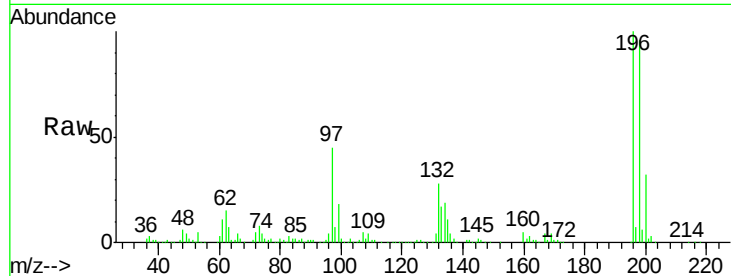
#43
 2,4,5-Trichlorophenol
 Concen: 40.43 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318889		
198	96.2	74.0	111.0	
97	45.1	54.7	82.1#	
132	28.5	30.5	45.7#	

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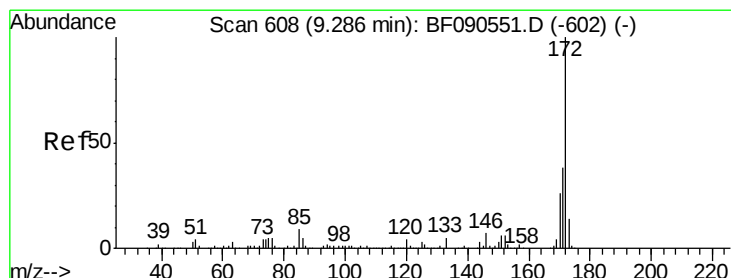
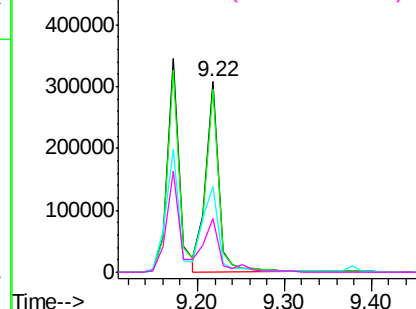
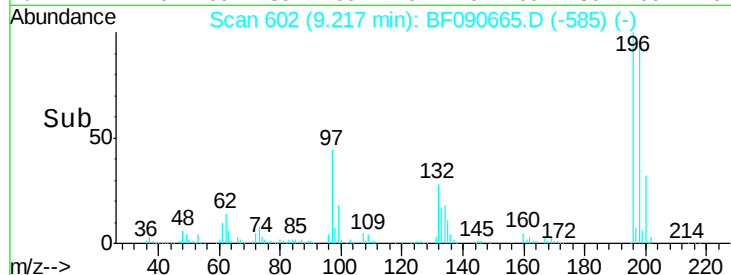
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

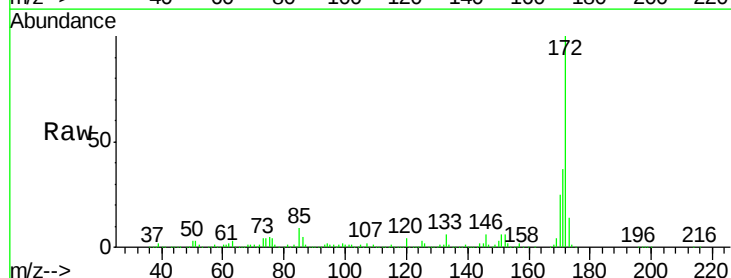
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.15 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2016654		
171	37.0	30.1	45.1	
170	25.2	20.6	30.8	

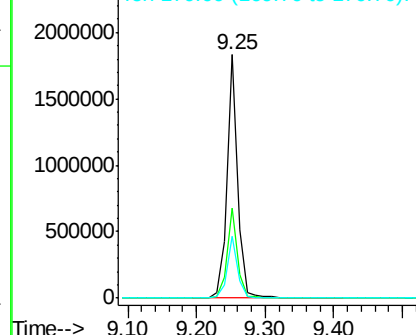
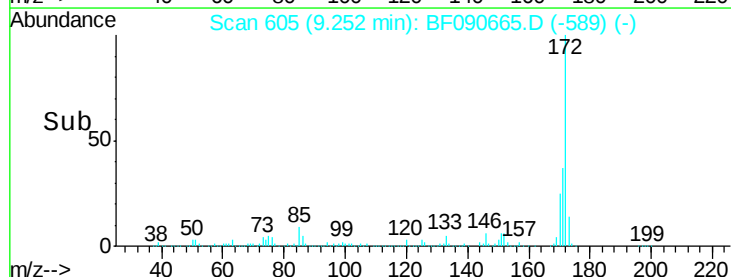


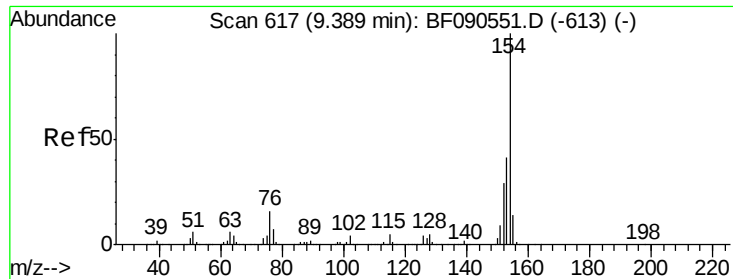
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





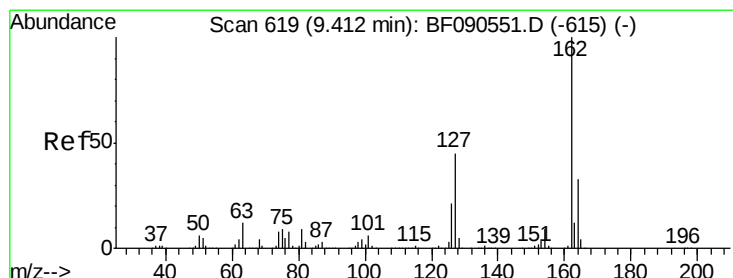
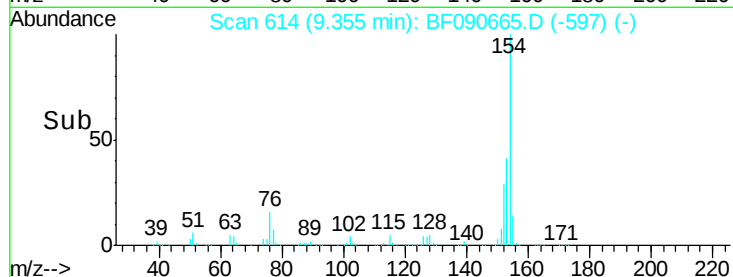
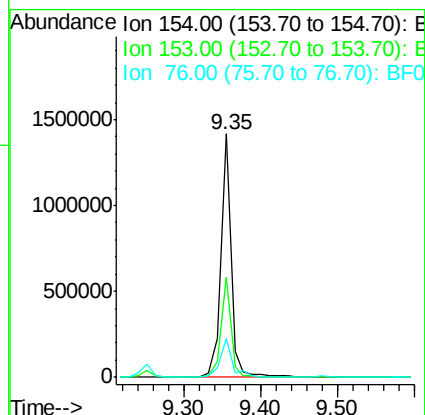
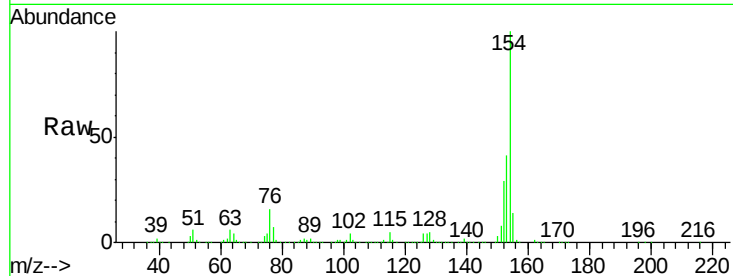
#45
 1,1'-Biphenyl
 Concen: 39.44 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:154 Resp: 1326964
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.5 61.5
 76 15.8 0.0 36.0

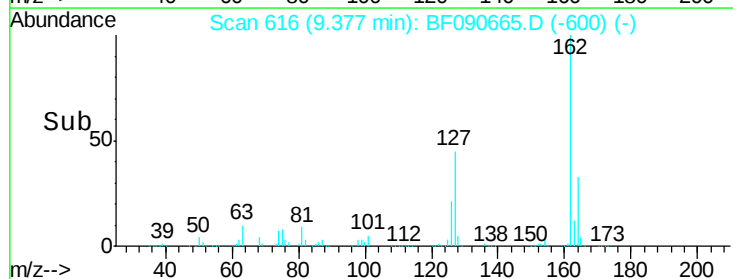
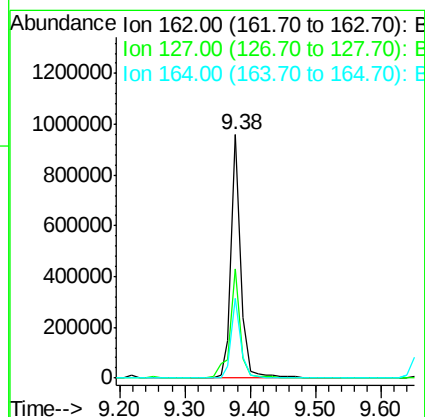
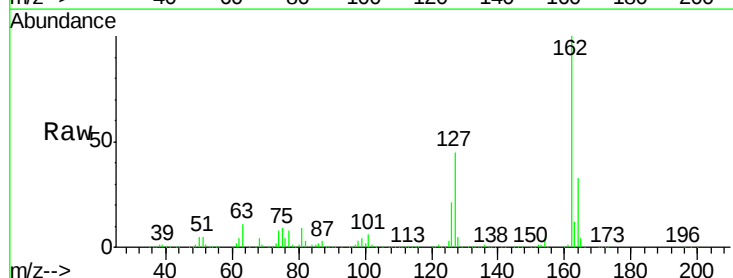
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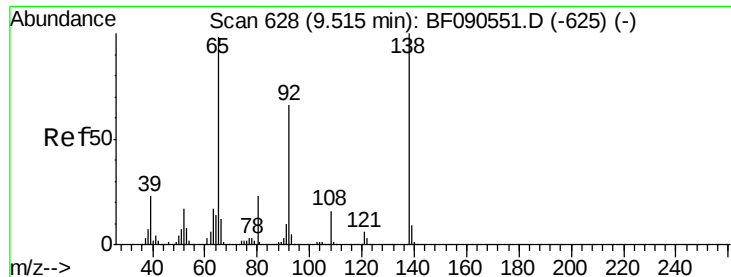
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#46
 2-Chloronaphthalene
 Concen: 40.00 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:162 Resp: 1003342
 Ion Ratio Lower Upper
 162 100
 127 44.7 35.9 53.9
 164 33.0 26.7 40.1





#47

2-Nitroaniline

Concen: 40.26 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

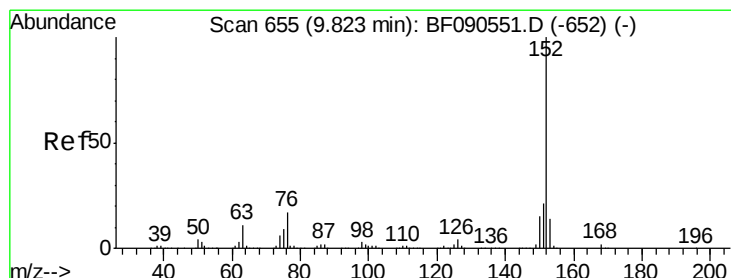
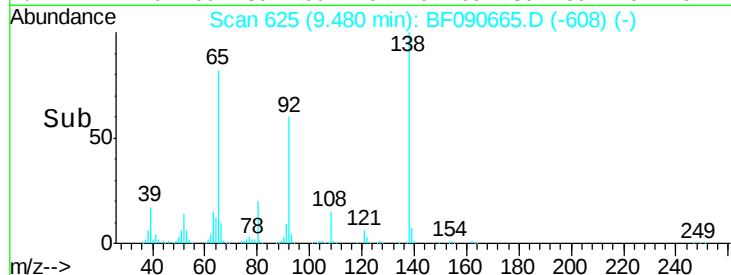
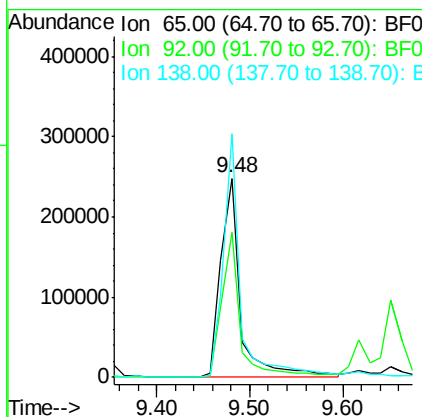
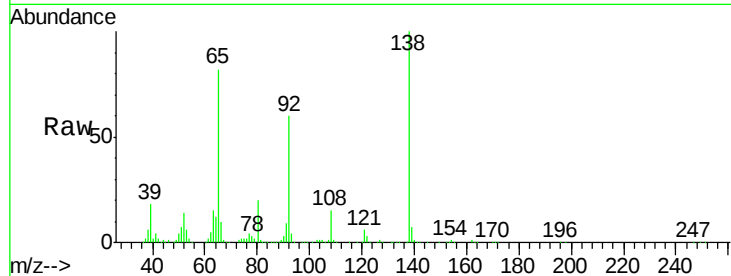
ClientSampleId :

PB94148BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	54.3	81.5
138	122.3	81.7	122.5

Manual Integrations
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#48

Acenaphthylene

Concen: 38.88 ng

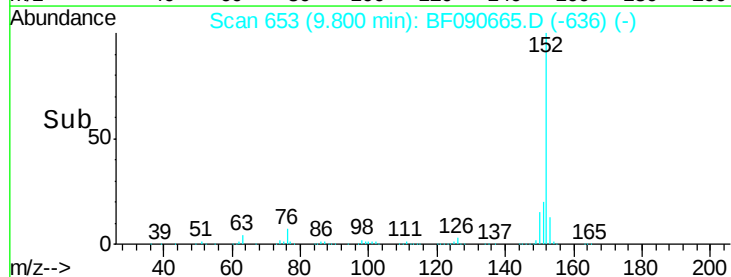
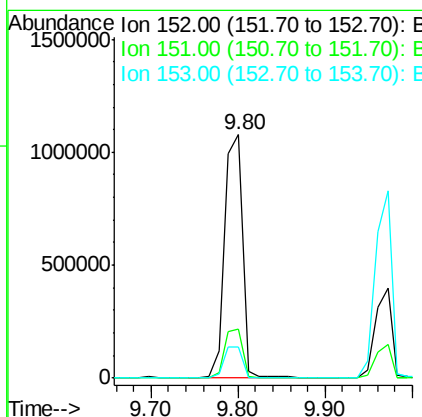
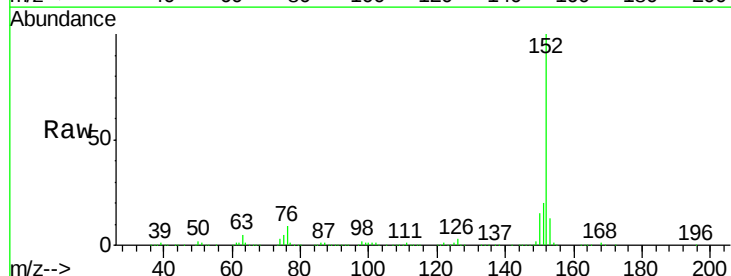
RT: 9.80 min Scan# 653

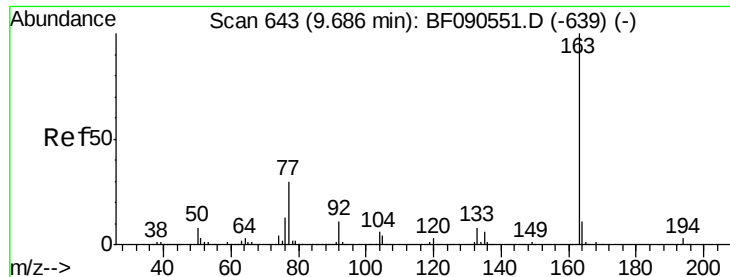
Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	13.0	11.3	16.9





#49

Dimethylphthalate

Concen: 39.97 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleID :

PB94148BS

Tgt Ion:163 Resp: 1146718

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

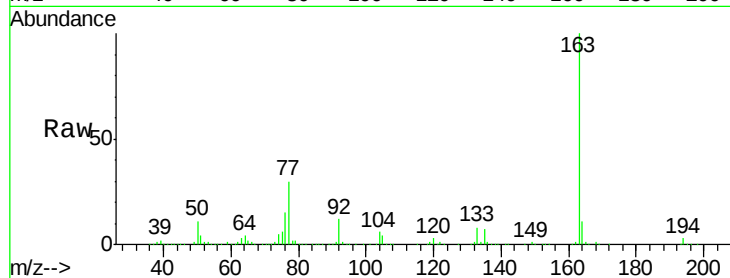
164 10.8 8.6 13.0

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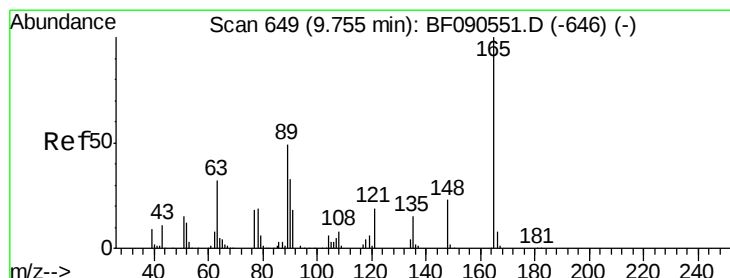
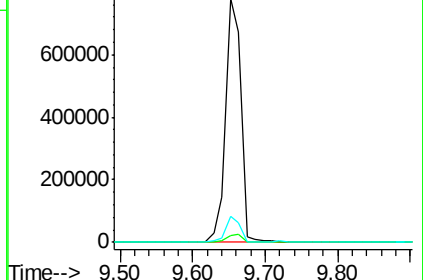
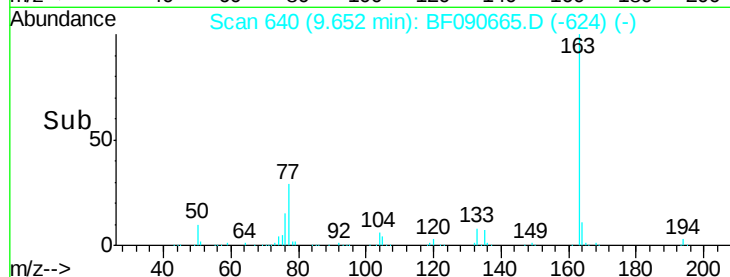
10/20/2016 10:36:59 AM



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: 44.97 ng

RT: 9.72 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

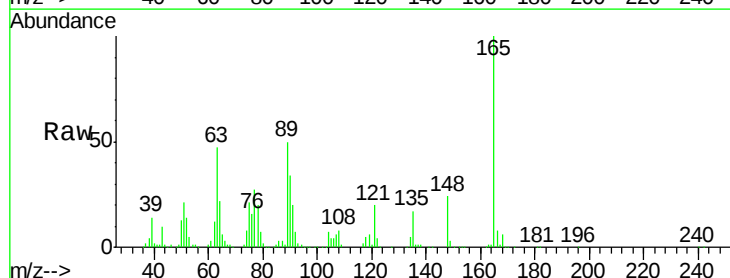
Tgt Ion:165 Resp: 282313

Ion Ratio Lower Upper

165 100

63 47.1 40.1 60.1

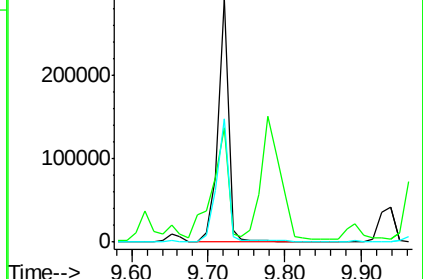
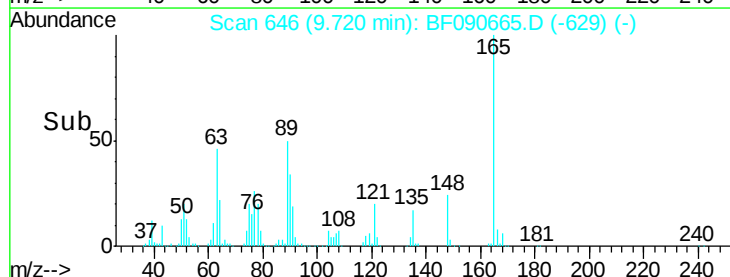
89 50.4 39.5 59.3

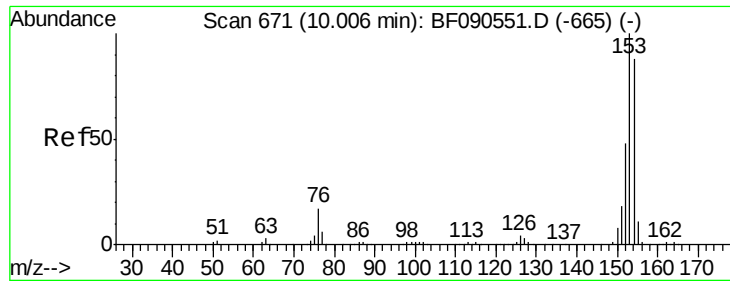


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.38 ng

RT: 9.97 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

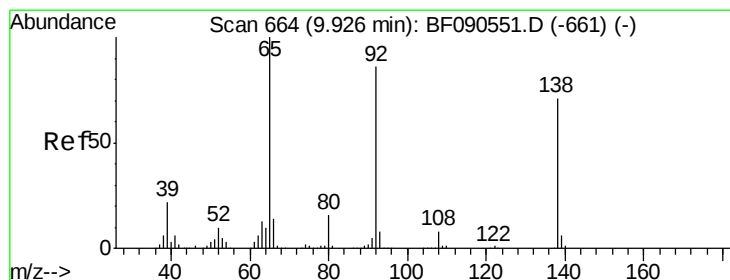
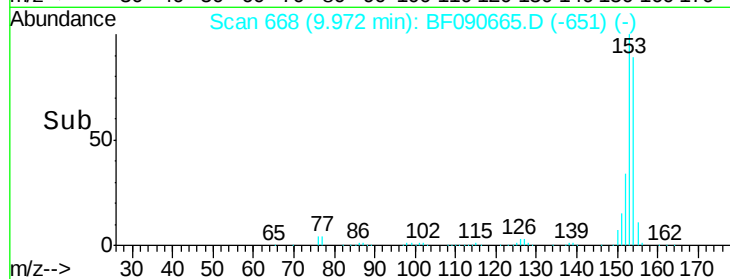
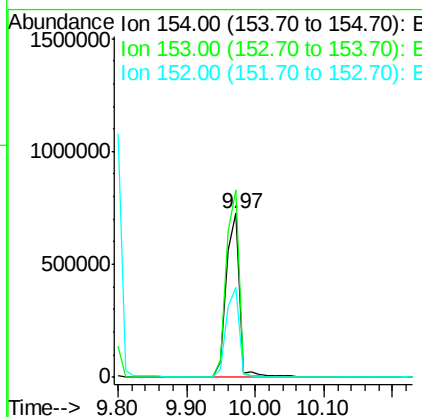
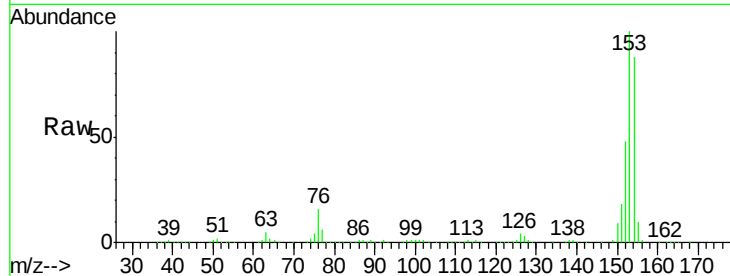
ClientSampleId :

PB94148BS

Tgt Ion:	154	Resp:	992408
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	54.7	44.0	66.0

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#52

3-Nitroaniline

Concen: 25.28 ng

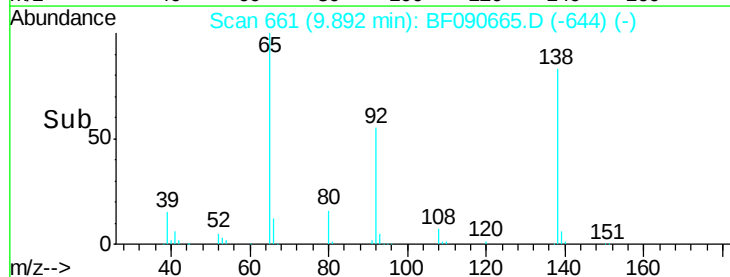
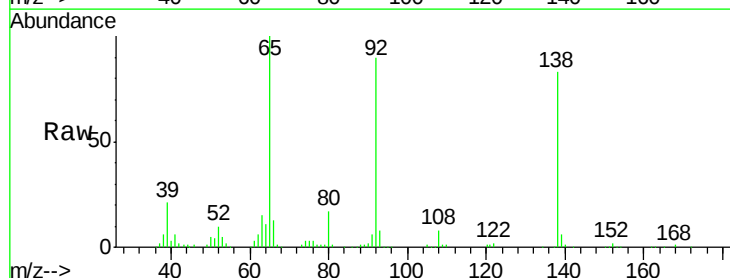
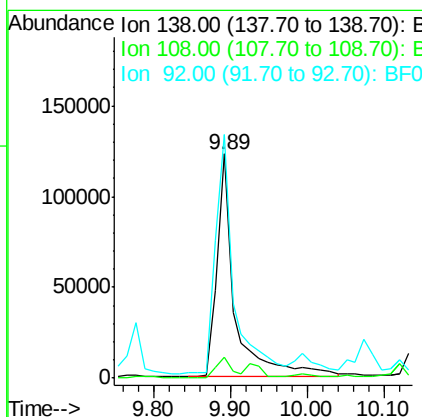
RT: 9.89 min Scan# 661

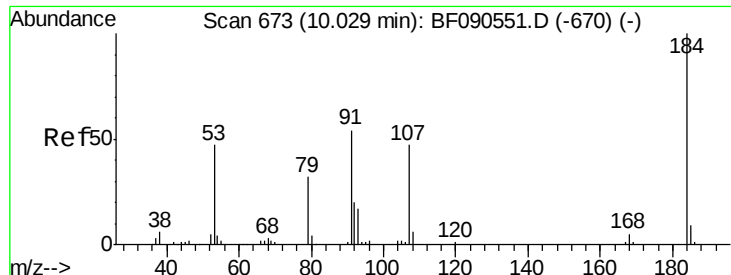
Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

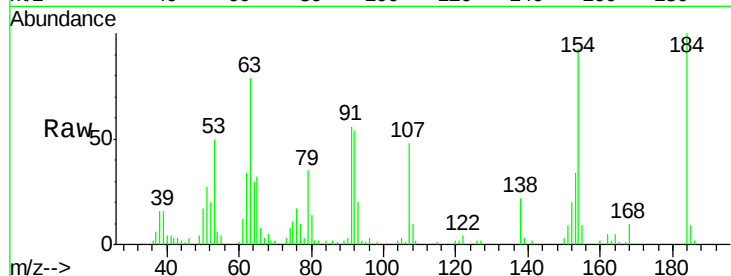
Tgt Ion:	138	Resp:	199110
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.6	12.8
92	108.7	97.8	146.8





#53
2,4-Dinitrophenol
Concen: 18.58 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

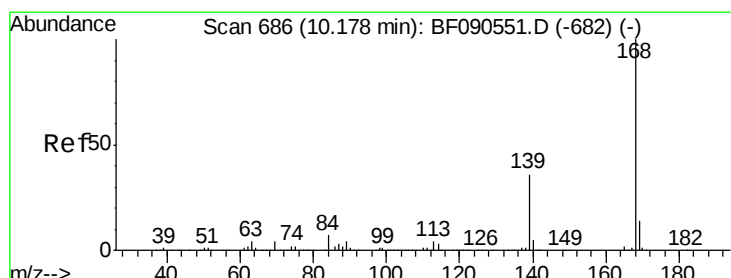
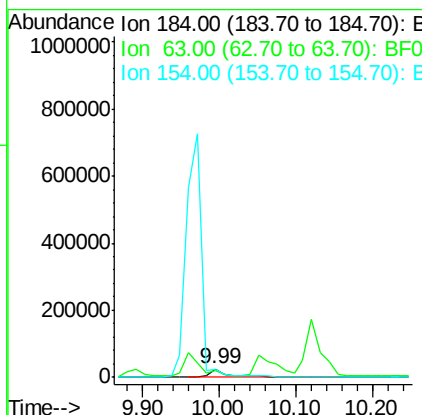
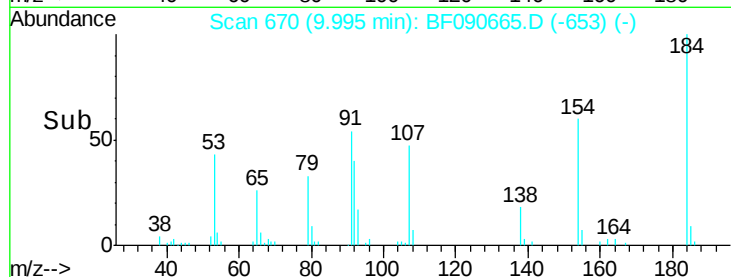
Instrument :
BNA_F
ClientSampled :
PB94148BS



Tgt Ion:184 Resp: 47355
Ion Ratio Lower Upper
184 100
63 79.0 60.2 90.2
154 92.9 86.1 129.1

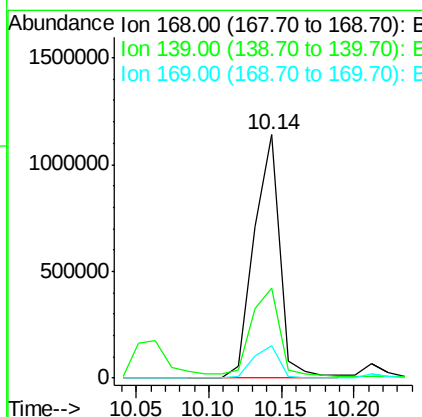
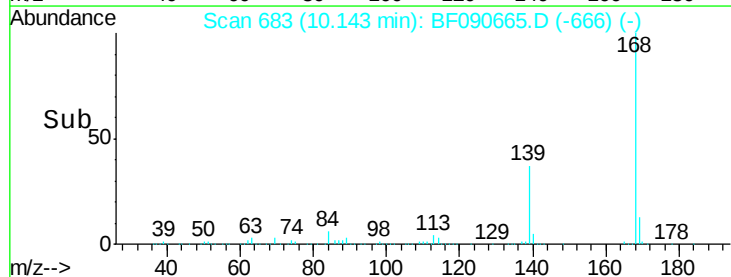
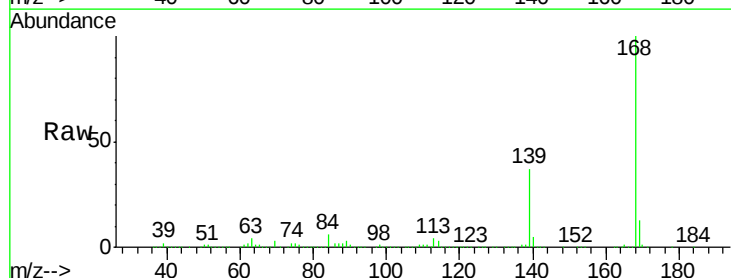
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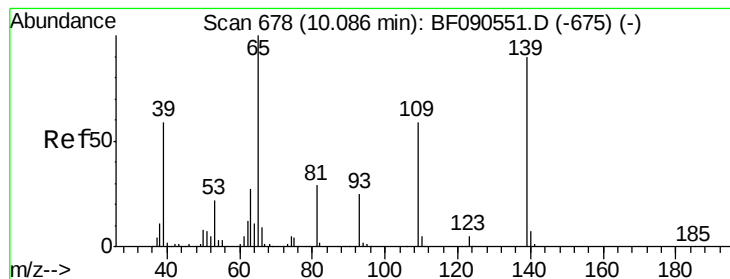
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#54
Dibenzofuran
Concen: 40.07 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion:168 Resp: 1399451
Ion Ratio Lower Upper
168 100
139 36.9 30.5 45.7
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 66.16 ng

RT: 10.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampled :

PB94148BS

Tgt Ion:139 Resp: 313631
Ion Ratio Lower Upper

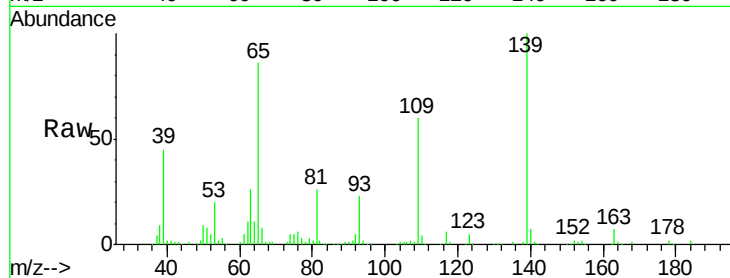
139 100

109 59.9 45.9 85.9

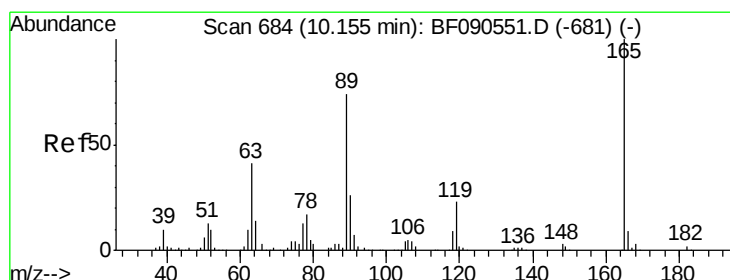
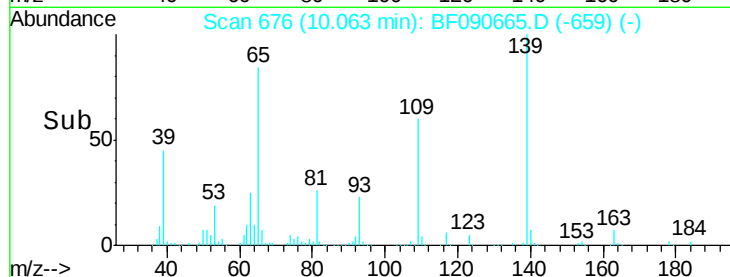
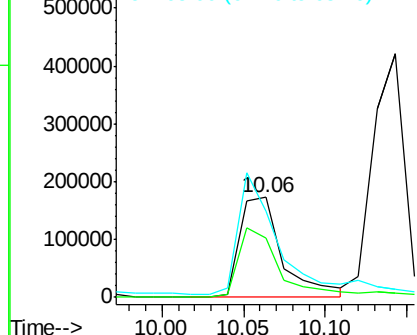
65 85.8 95.8 135.8#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.97 ng

RT: 10.12 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion:165 Resp: 332234
Ion Ratio Lower Upper

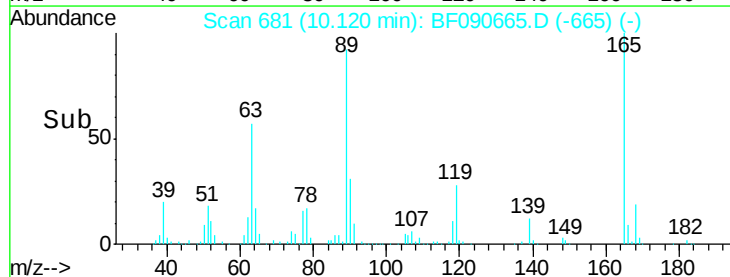
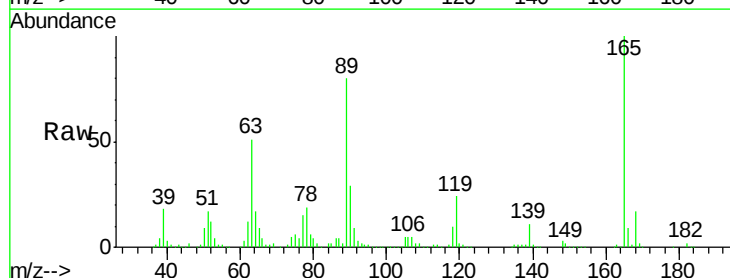
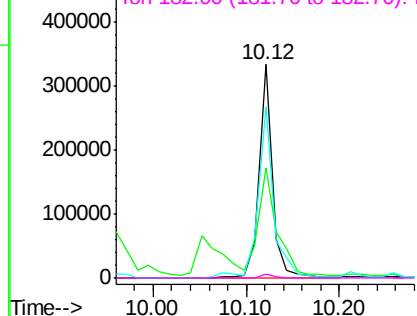
165 100

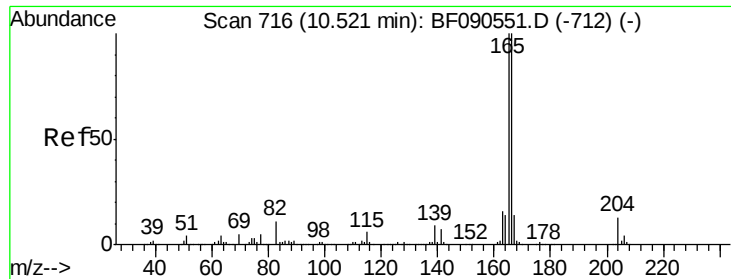
63 51.4 35.4 53.0

89 80.4 59.0 88.4

182 2.0 1.8 2.6

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
Ion 182.00 (181.70 to 182.70): E





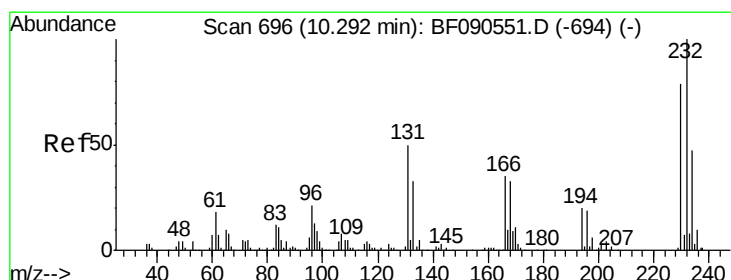
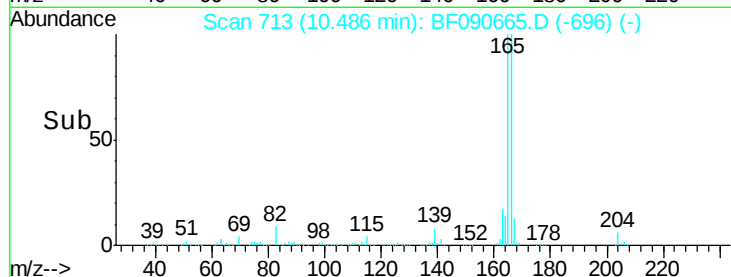
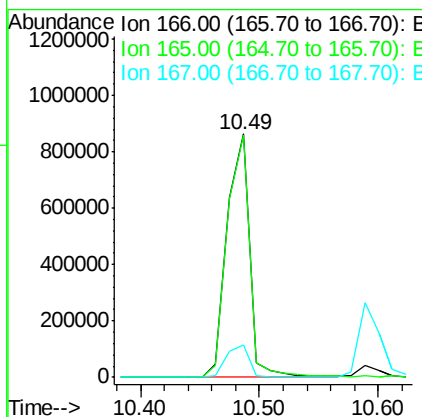
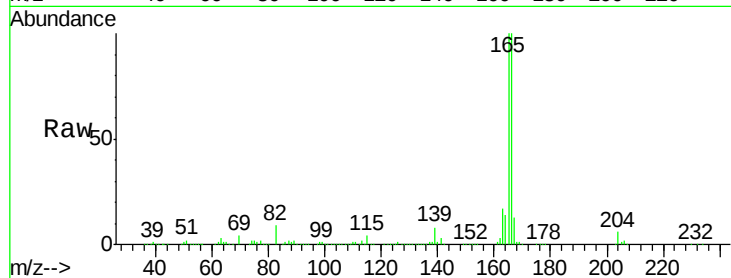
#57
Fluorene
 Concen: 39.59 ng
 RT: 10.49 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:166 Resp: 1140745
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.9 119.9
 167 13.4 10.9 16.3

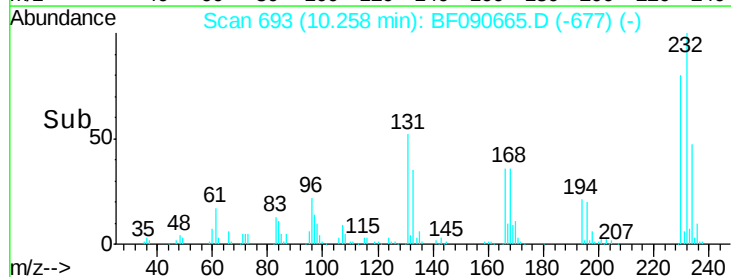
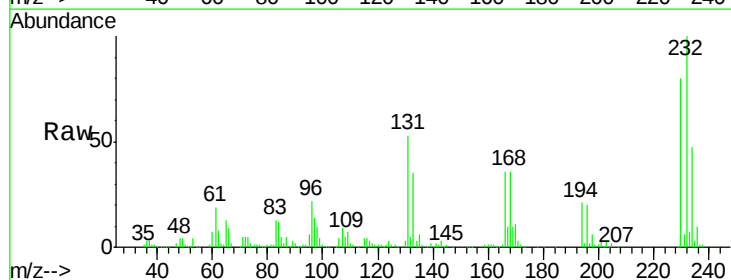
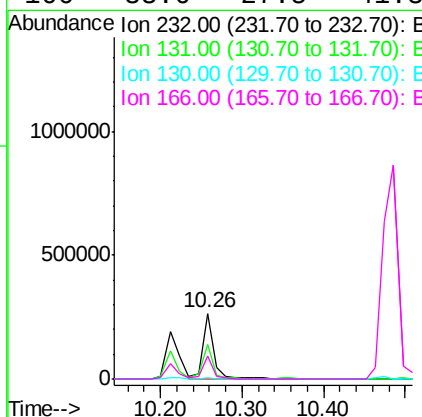
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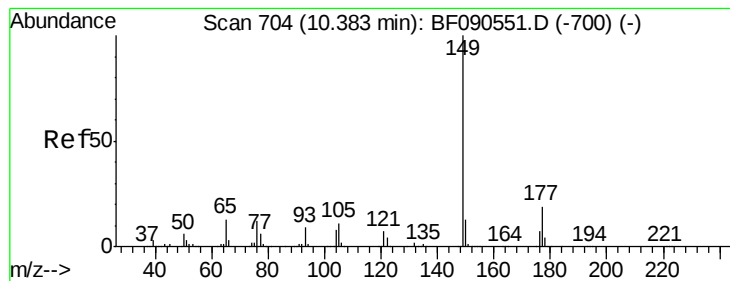
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.14 ng
 RT: 10.26 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:232 Resp: 250592
 Ion Ratio Lower Upper
 232 100
 131 52.3 42.6 64.0
 130 2.5 1.8 2.8
 166 33.6 27.5 41.3





#59

Diethylphthalate

Concen: 43.61 ng

RT: 10.36 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tgt Ion:149 Resp: 1268675

Ion Ratio Lower Upper

149 100

177 23.4 15.3 22.9#

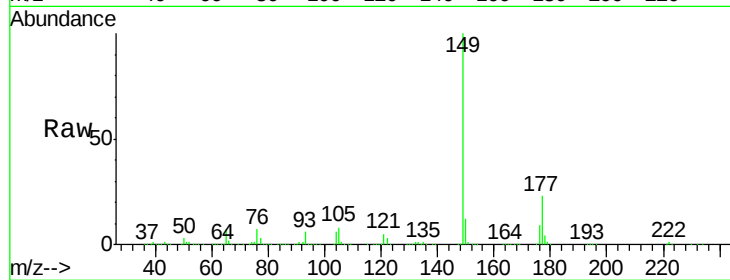
150 12.3 10.3 15.5

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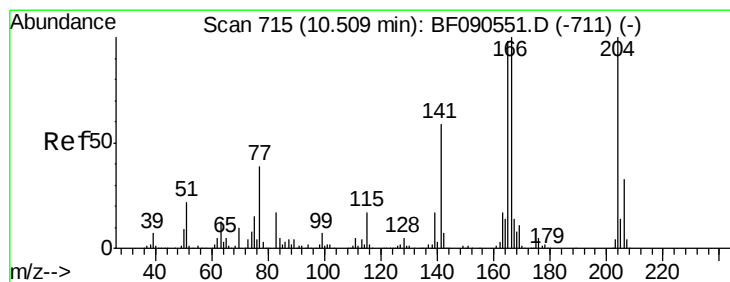
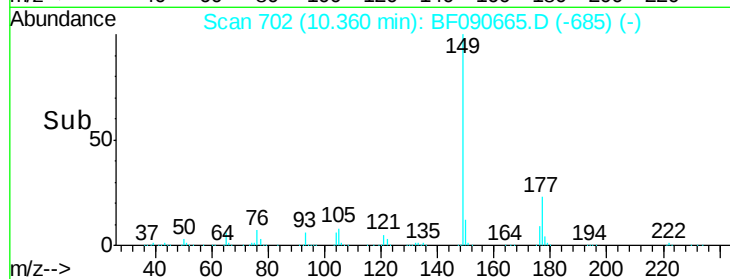
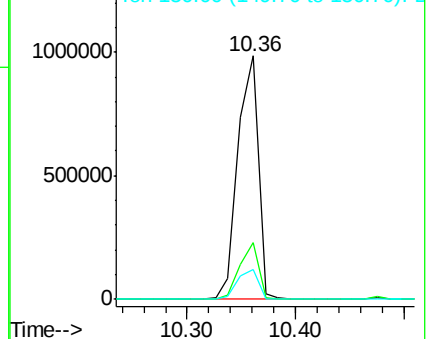
10/20/2016 10:36:59 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.41 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

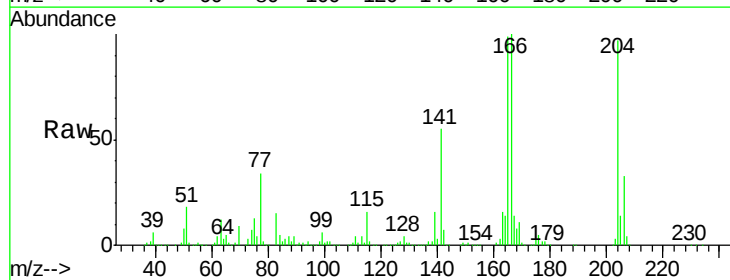
Tgt Ion:204 Resp: 562341

Ion Ratio Lower Upper

204 100

206 33.8 26.5 39.7

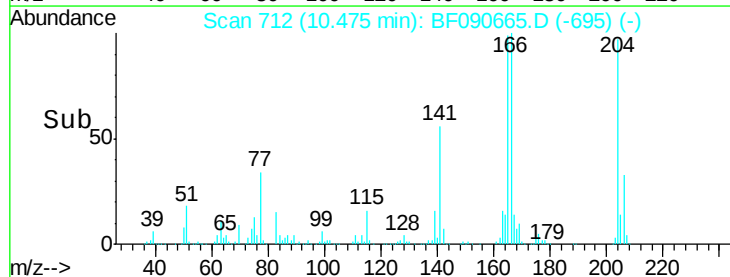
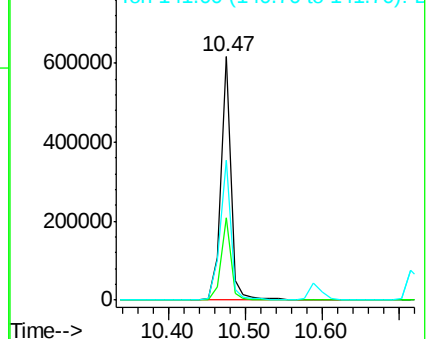
141 57.2 47.2 70.8

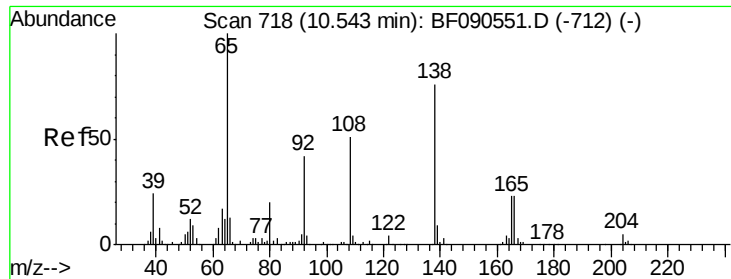


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





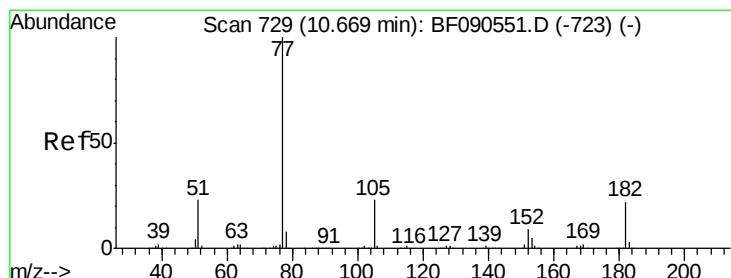
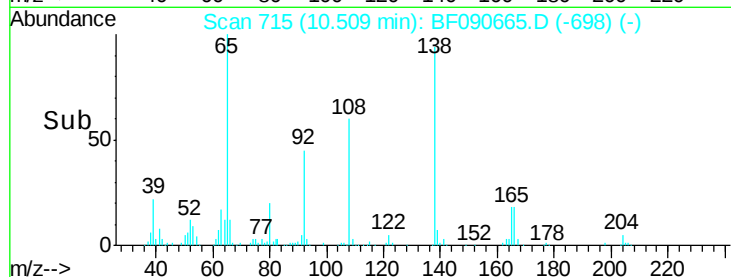
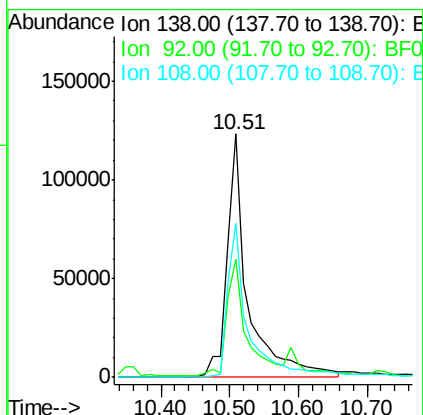
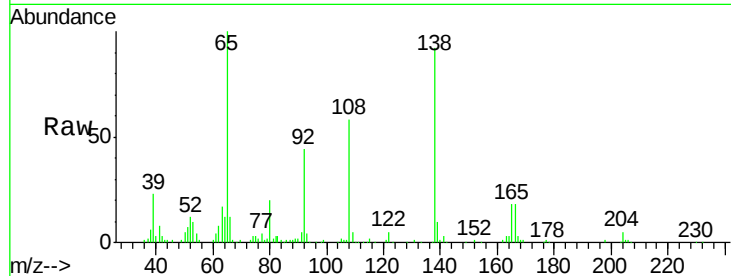
#61
4-Nitroaniline
Concen: 32.73 ng
RT: 10.51 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	35.7	75.7
108	63.5	46.9	86.9

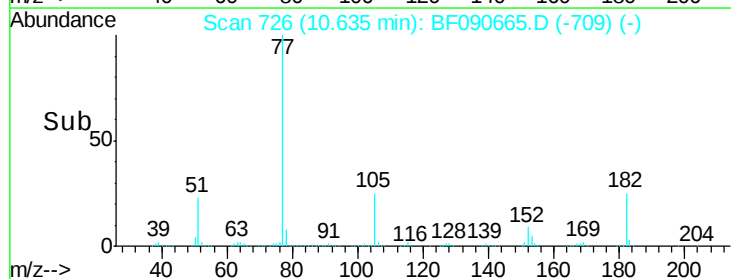
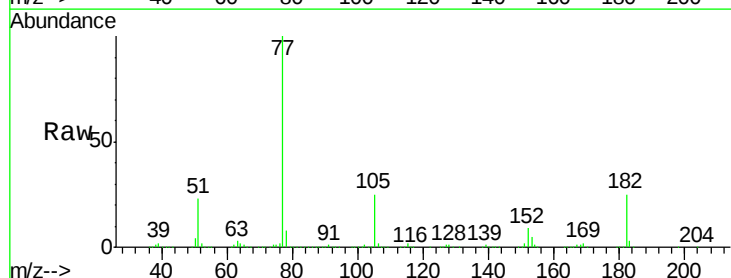
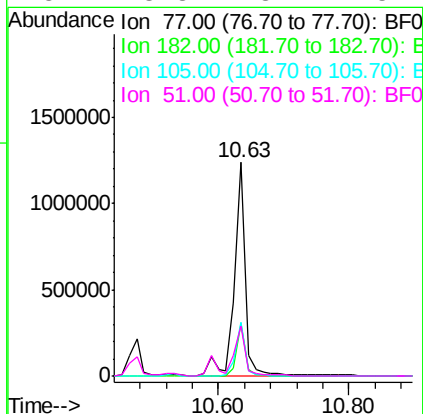
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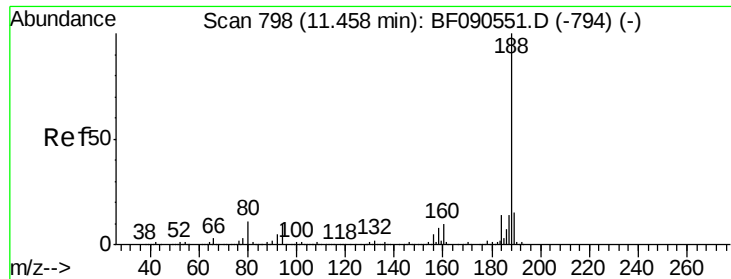
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#62
Azobenzene
Concen: 42.27 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	2.2	42.2
105	25.1	3.5	43.5
51	23.3	3.7	43.7





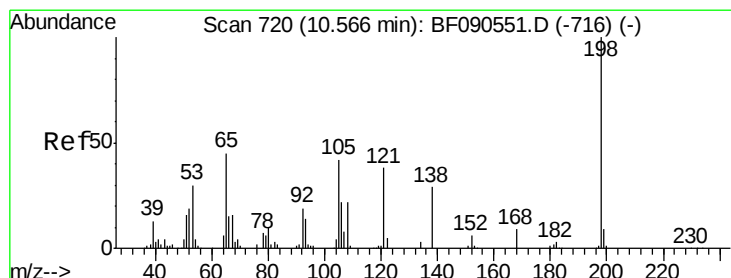
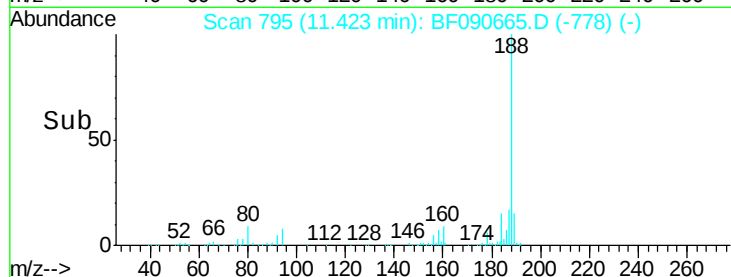
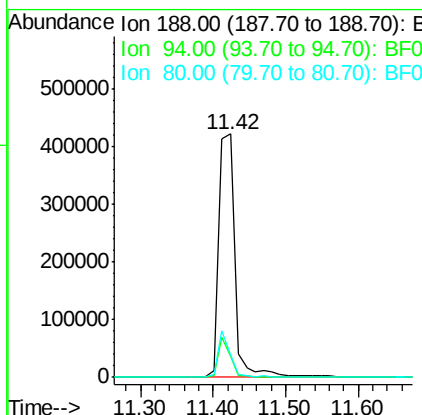
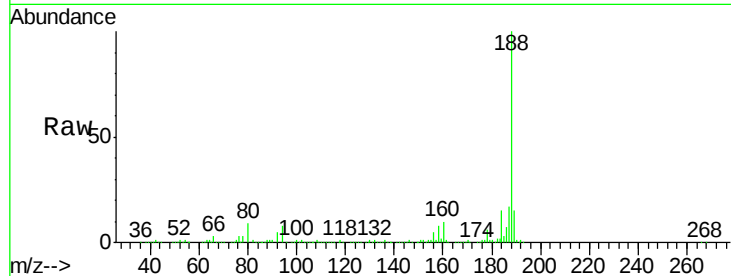
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	659575		
94	8.4		7.7	11.5
80	9.1		8.6	12.8

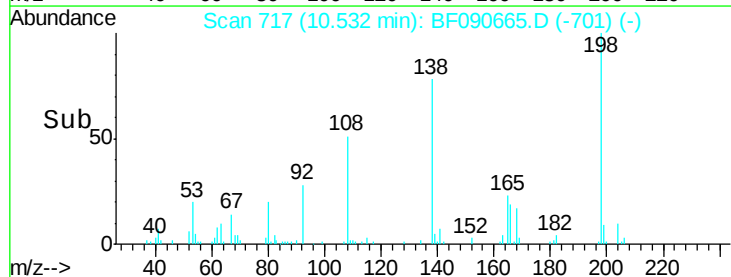
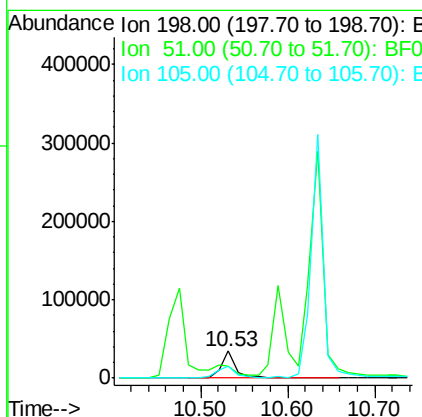
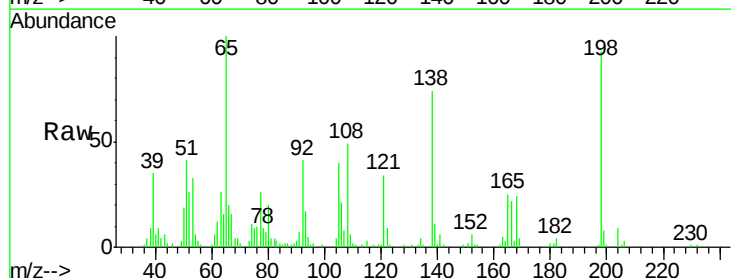
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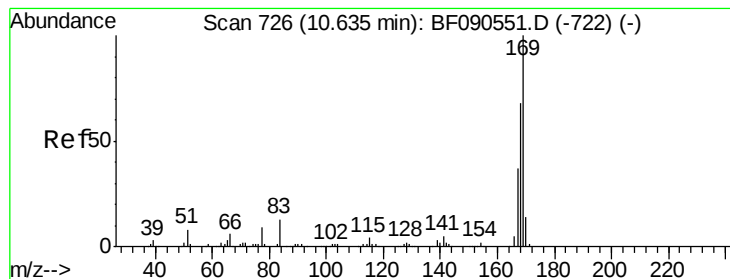
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.51 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	41973		
51	44.3		19.7	59.7
105	42.9		22.6	62.6





#65

n-Nitrosodiphenylamine

Concen: 41.26 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

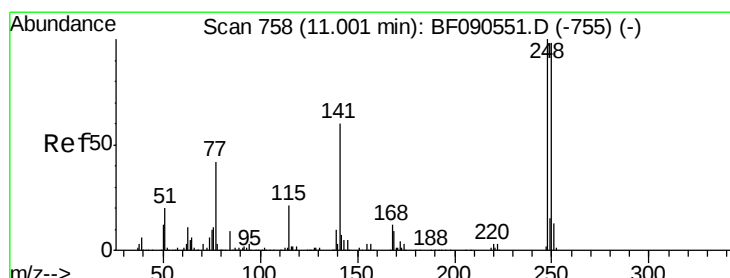
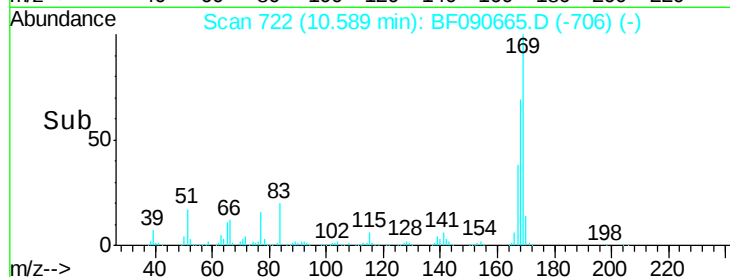
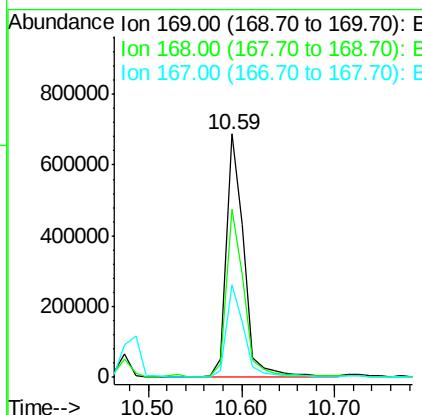
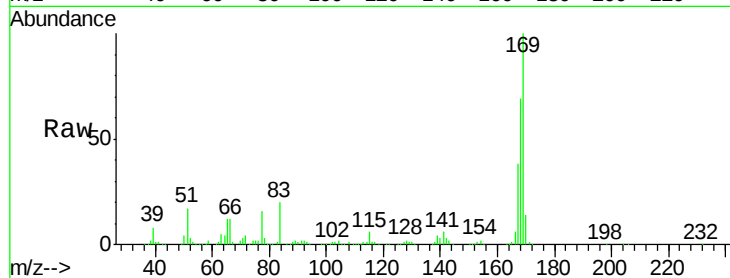
ClientSampleId :

PB94148BS

Tgt Ion:	169	Resp:	898855
Ion Ratio	Lower	Upper	
169	100		
168	68.9	54.6	81.8
167	38.3	29.8	44.8

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#66

4-Bromophenyl-phenylether

Concen: 43.43 ng

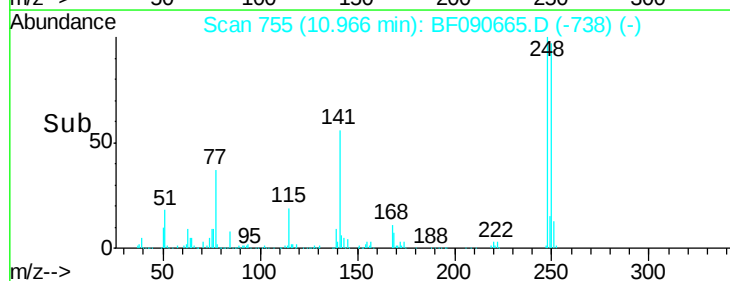
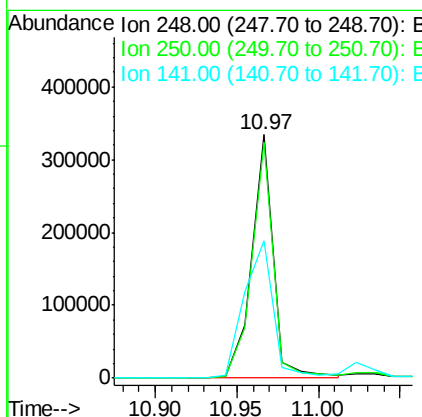
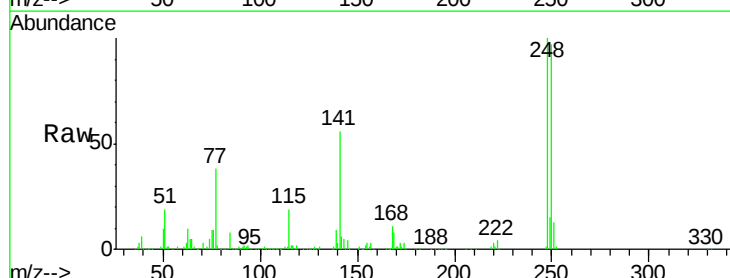
RT: 10.97 min Scan# 755

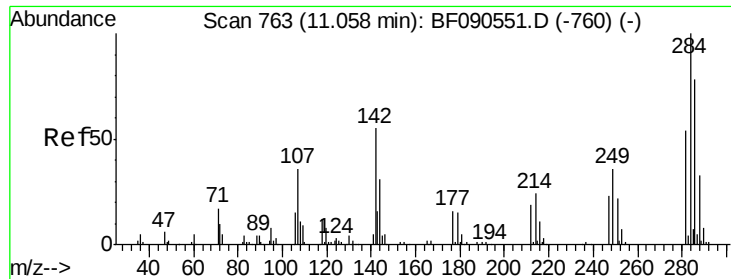
Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion:	248	Resp:	307404
Ion Ratio	Lower	Upper	
248	100		
250	97.0	78.4	117.6
141	56.5	48.4	72.6





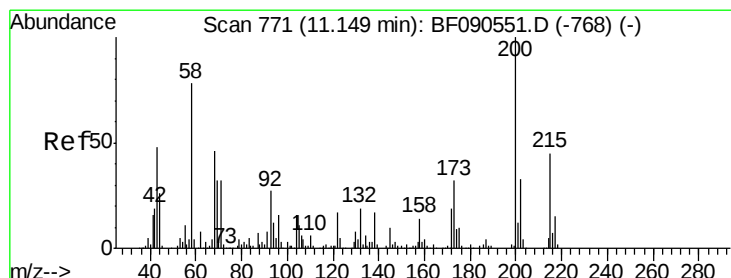
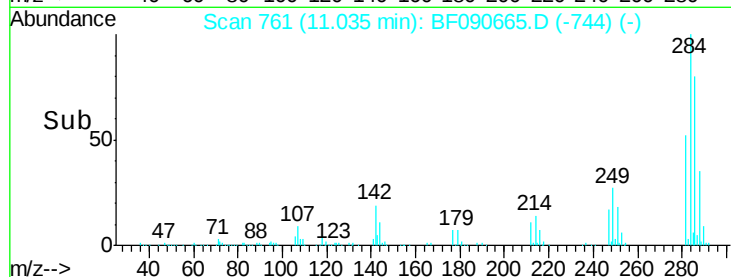
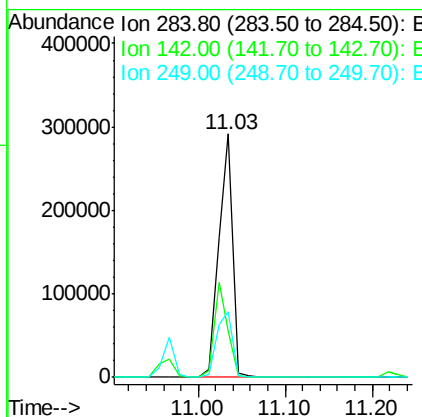
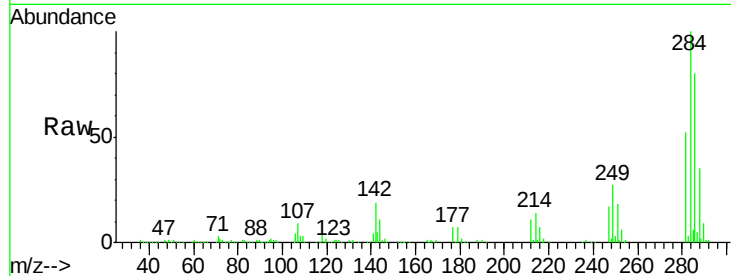
#67
Hexachlorobenzene
Concen: 42.89 ng
RT: 11.03 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	329571		
142	18.8	44.5	66.7#	
249	26.9	29.6	44.4#	

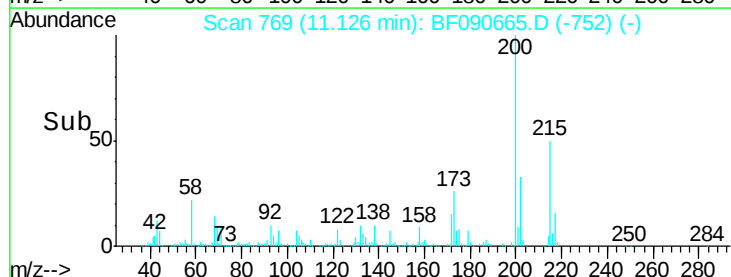
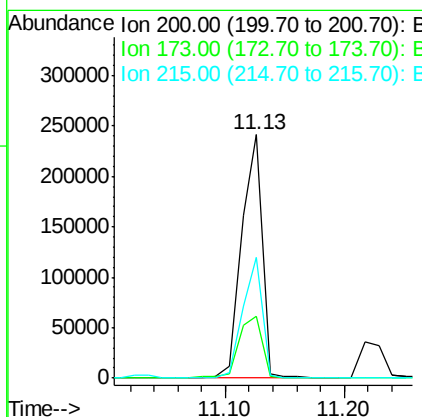
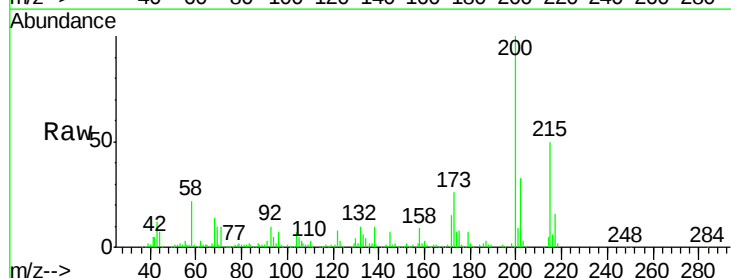
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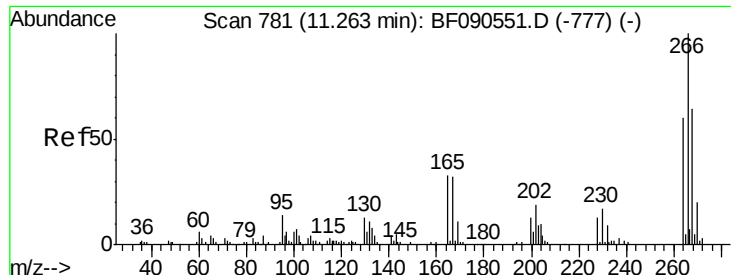
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#68
Atrazine
Concen: 48.62 ng
RT: 11.13 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	292964		
173	25.5	12.0	52.0	
215	49.8	25.2	65.2	





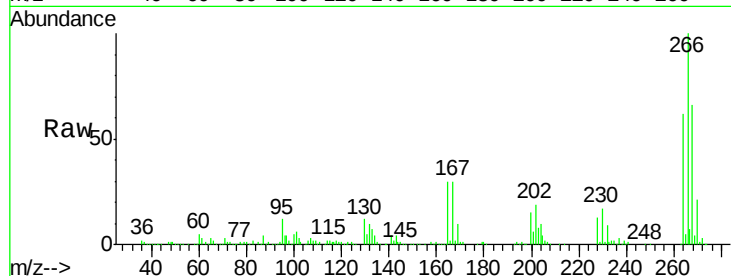
#69
 Pentachlorophenol
 Concen: 70.72 ng
 RT: 11.23 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampled :
 PB94148BS

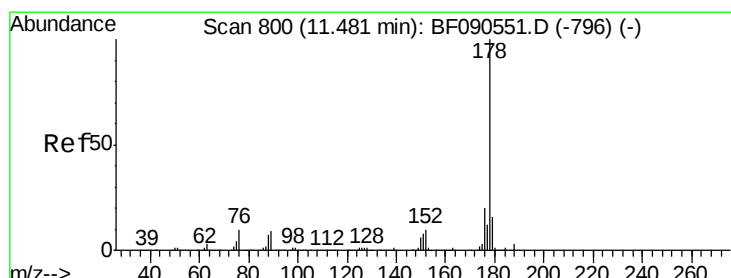
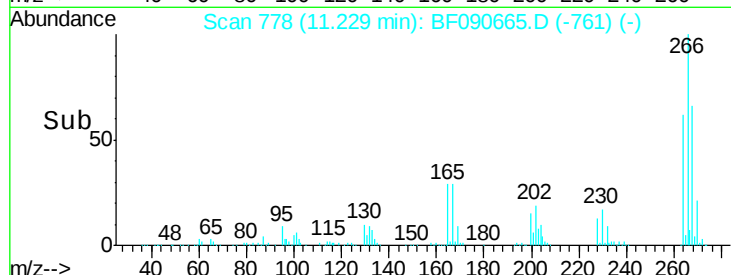
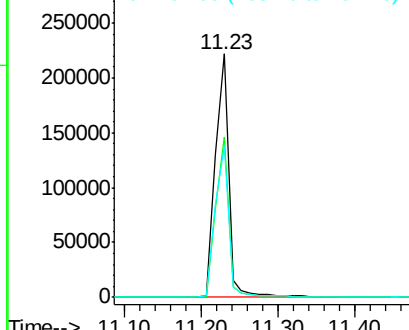
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	269335		
268	65.7	51.5	77.3	
264	62.2	47.9	71.9	

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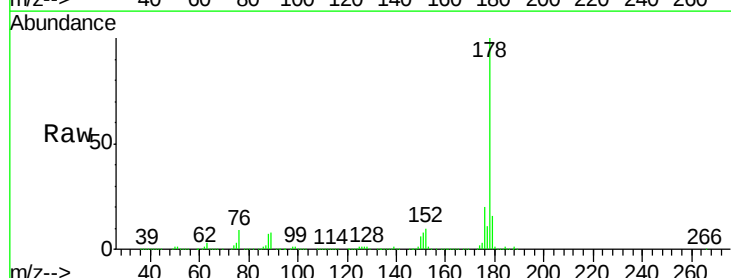


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

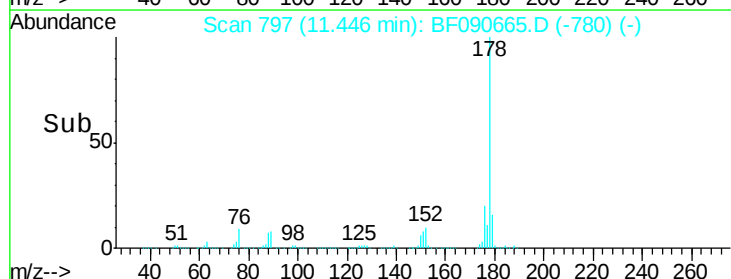
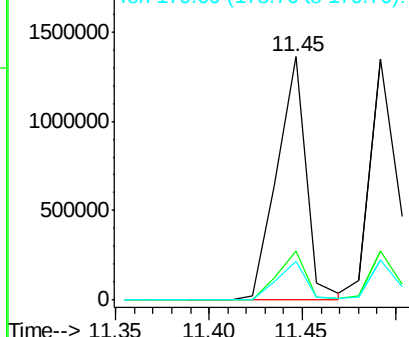


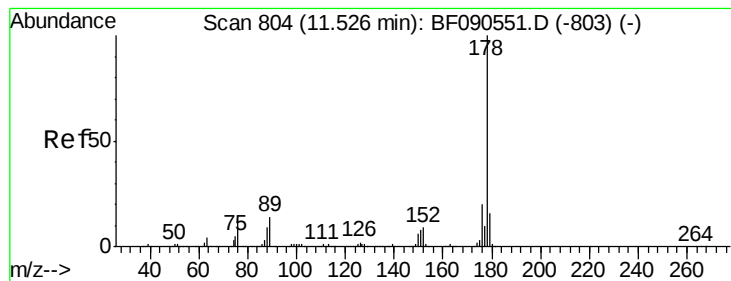
#70
 Phenanthrene
 Concen: 42.09 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1481943		
176	20.0	16.1	24.1	
179	15.9	12.6	19.0	



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





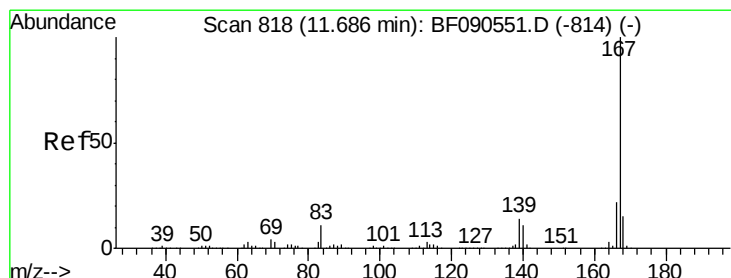
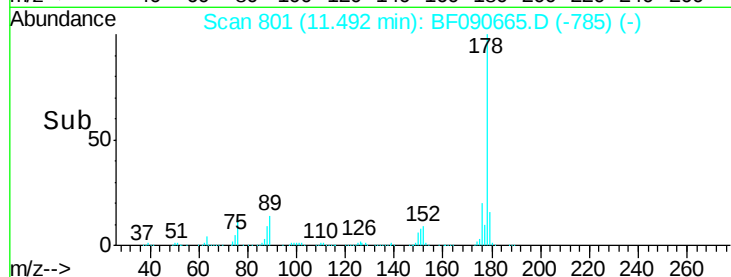
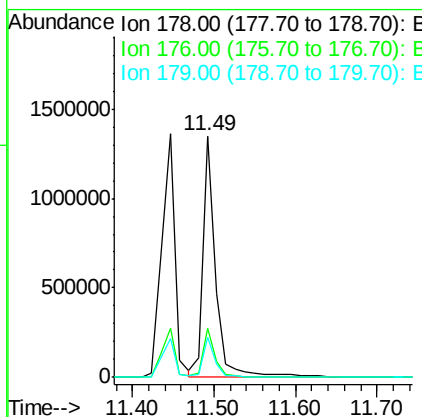
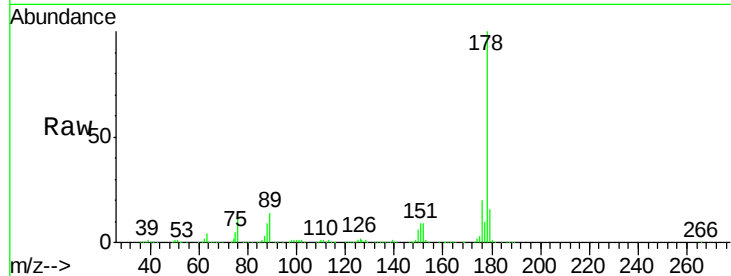
#71
 Anthracene
 Concen: 38.73 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:178 Resp: 1467639
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.5 23.3
 179 16.5 13.0 19.4

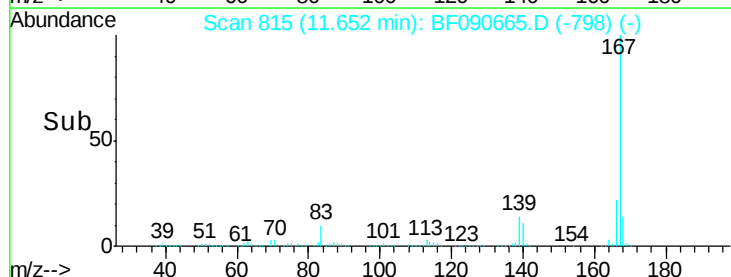
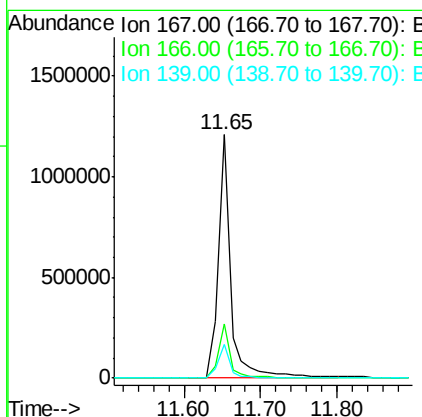
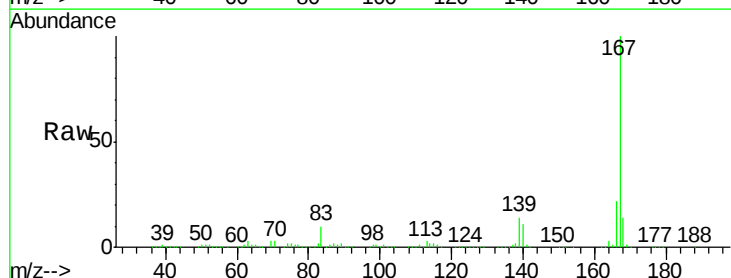
Manual Integrations
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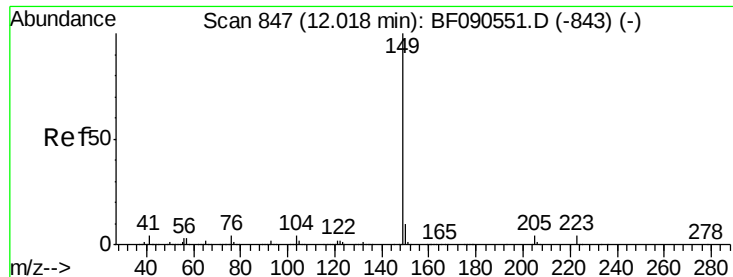
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#72
 Carbazole
 Concen: 40.34 ng
 RT: 11.65 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:167 Resp: 1368326
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 14.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 46.42 ng

RT: 11.98 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tgt Ion:149 Resp: 1844680

Ion Ratio Lower Upper

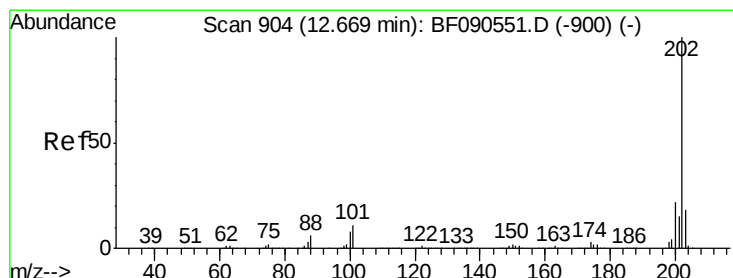
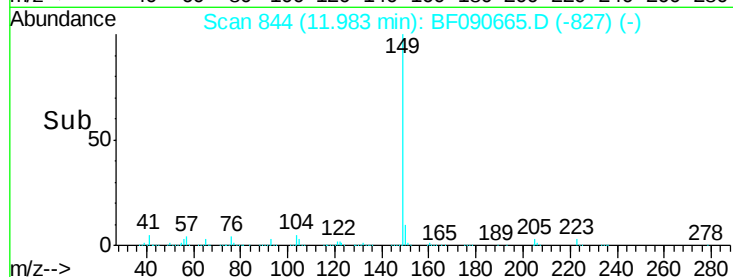
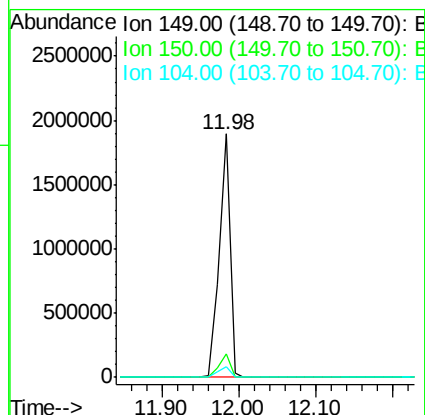
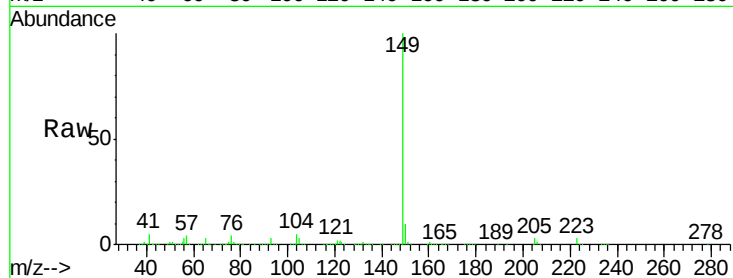
149 100

150 9.8 7.8 11.6

104 4.6 3.3 4.9

Manual Integrations
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#74

Fluoranthene

Concen: 36.84 ng

RT: 12.63 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

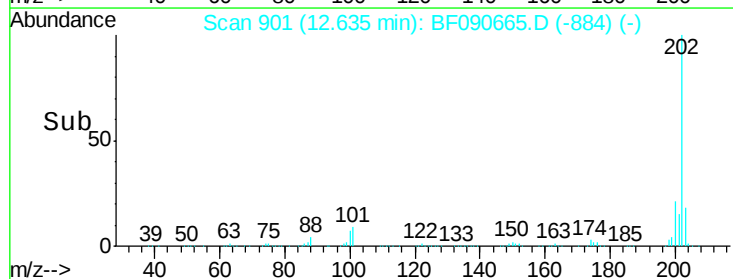
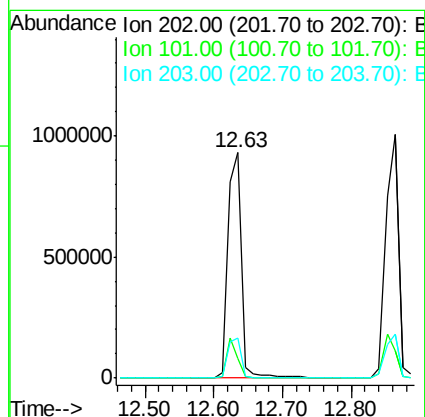
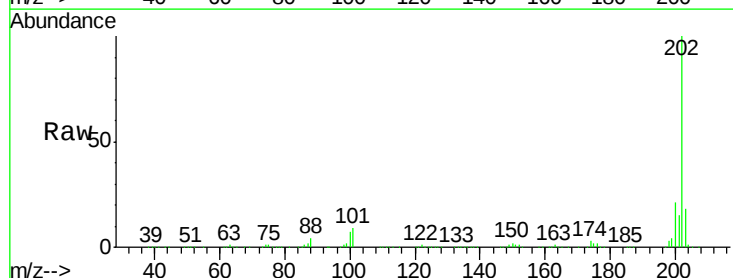
Tgt Ion:202 Resp: 1304724

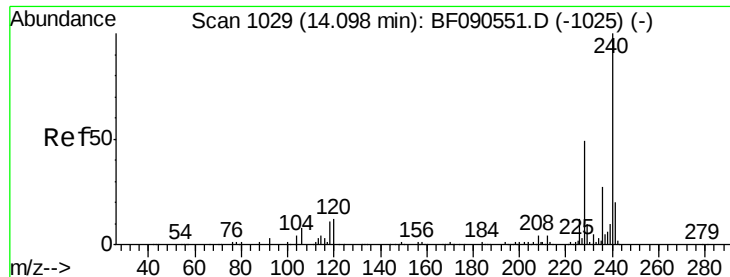
Ion Ratio Lower Upper

202 100

101 8.6 0.0 31.1

203 17.8 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

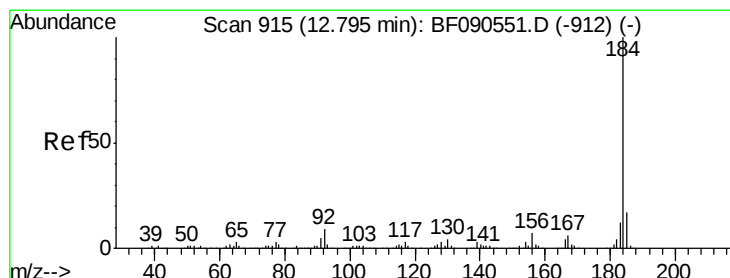
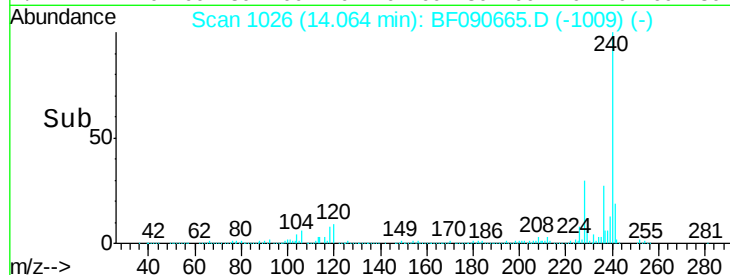
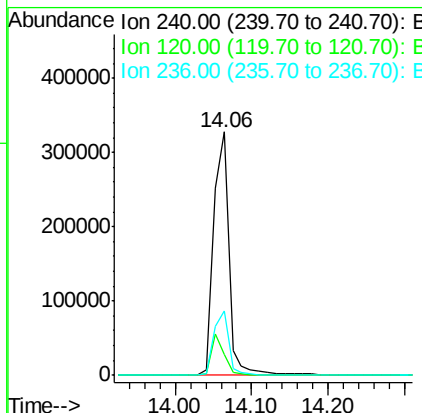
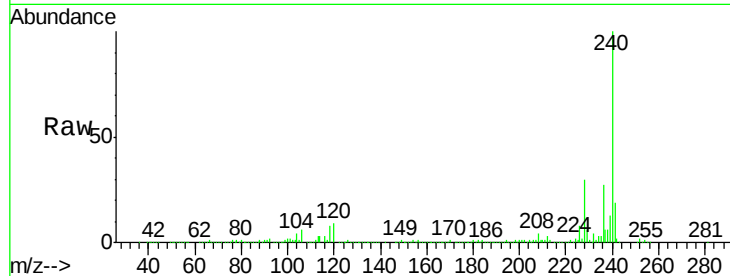
ClientSampleId :

PB94148BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.8	14.8#
236	26.7	21.7	32.5

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#76

Benzidine

Concen: 24.99 ng

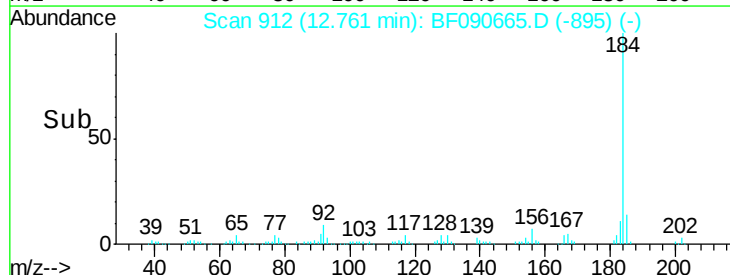
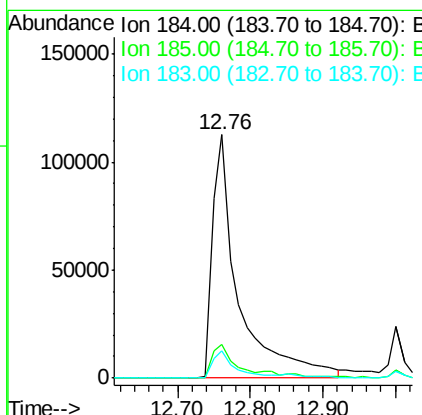
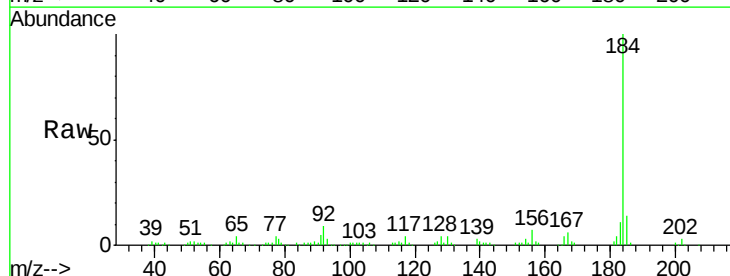
RT: 12.76 min Scan# 912

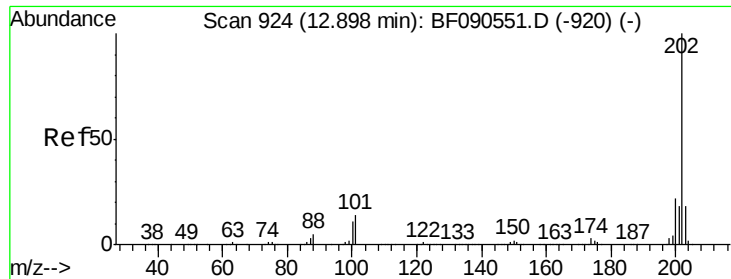
Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.1	9.4	14.0





#77

Pyrene

Concen: 42.92 ng

RT: 12.86 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

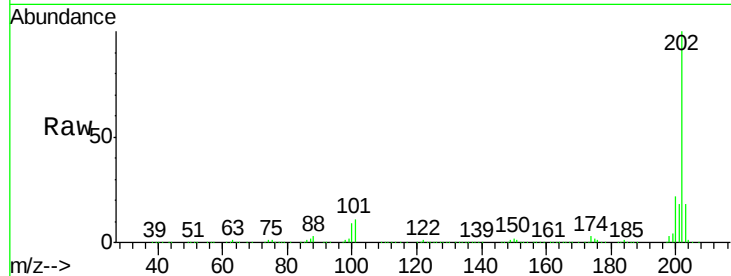
ClientSampleId :

PB94148BS

Tgt	Ion	Ratio	Lower	Upper
202	100			
200	22.4	17.8	26.6	
203	17.8	14.6	21.8	

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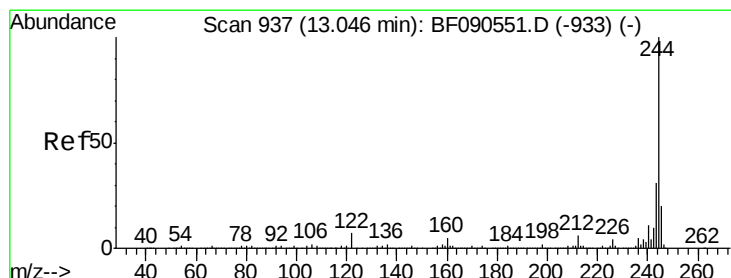
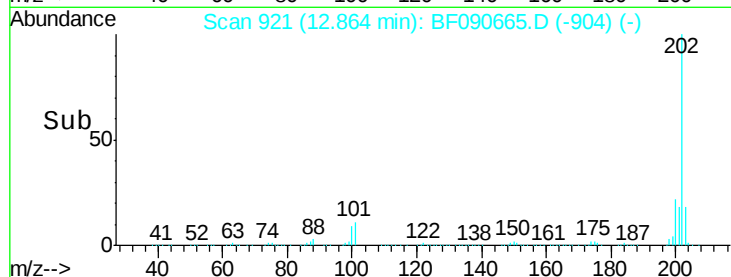
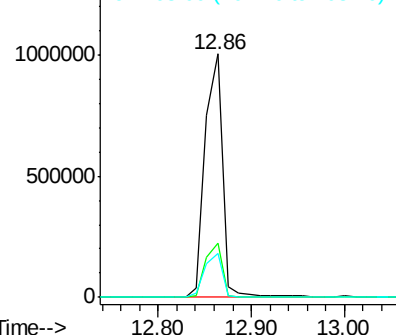
Sohil
10/20/2016 10:36:59 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.15 ng

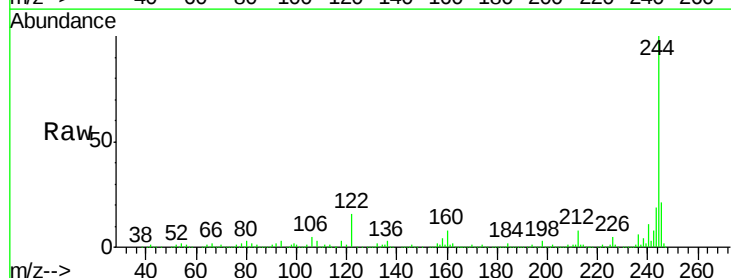
RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

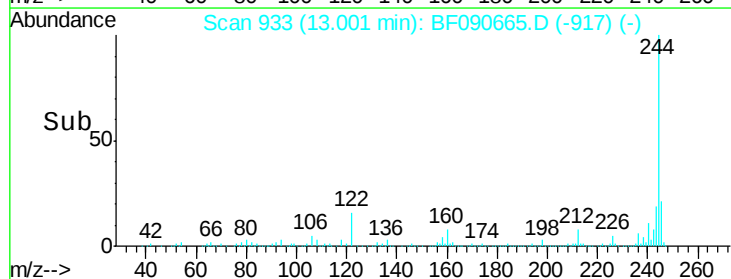
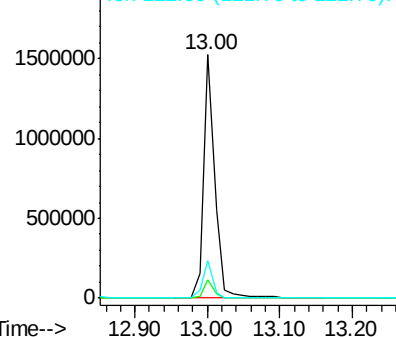
Tgt	Ion	Ratio	Lower	Upper
244	100			
212	7.7	5.0	7.4#	
122	15.5	5.6	8.4#	

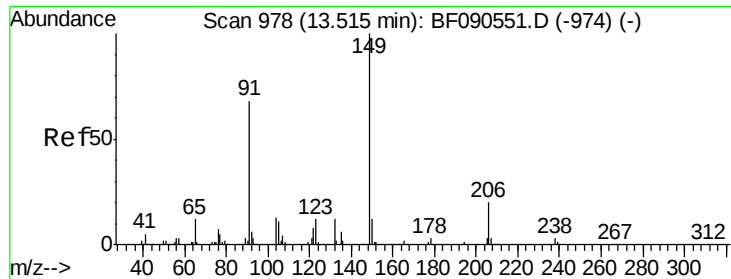


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





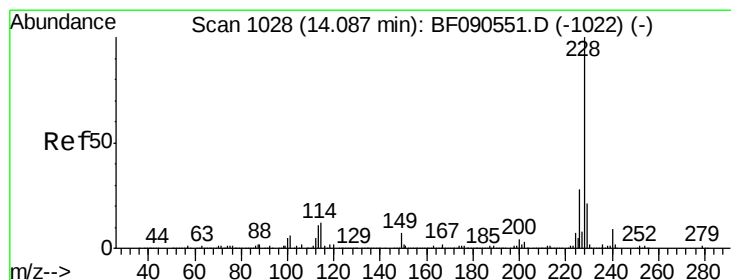
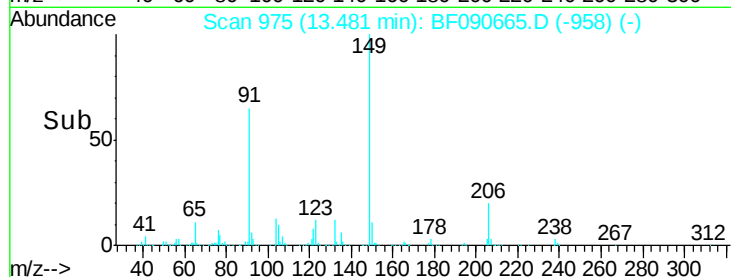
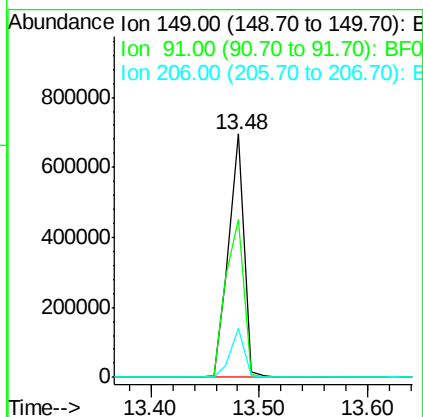
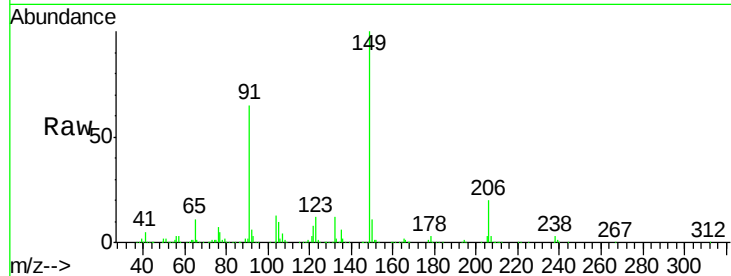
#79
Butylbenzylphthalate
Concen: 52.01 ng
RT: 13.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	692511		
91	64.7	54.3	81.5	
206	20.1	15.8	23.6	

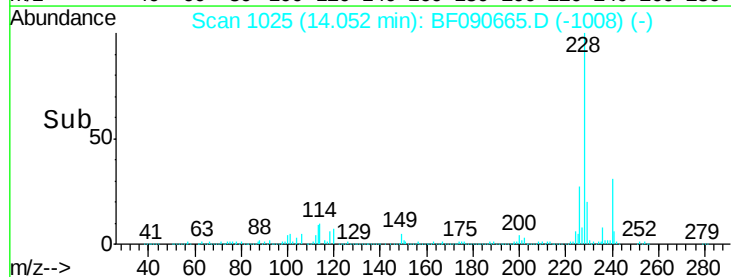
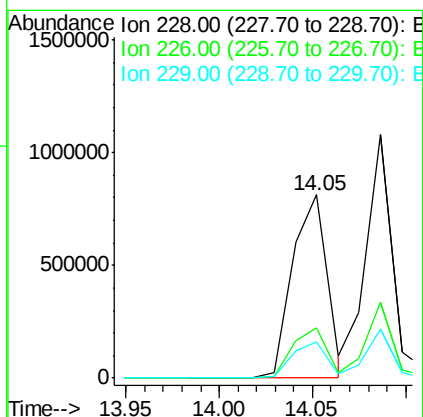
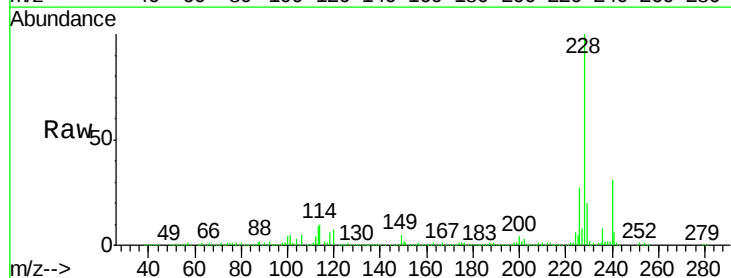
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#80
Benzo(a)anthracene
Concen: 40.91 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1056821		
226	27.4	22.8	34.2	
229	19.8	16.6	25.0	





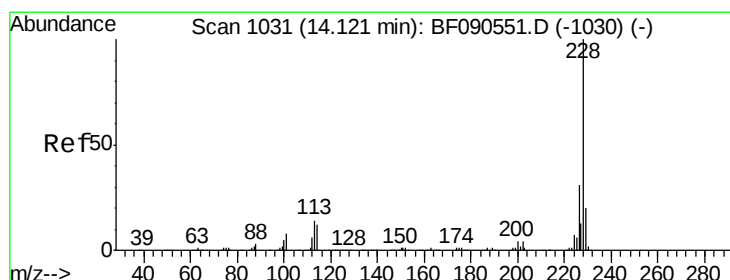
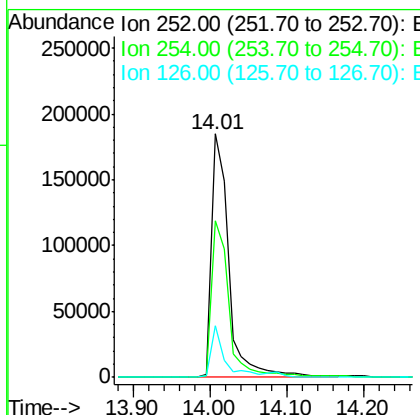
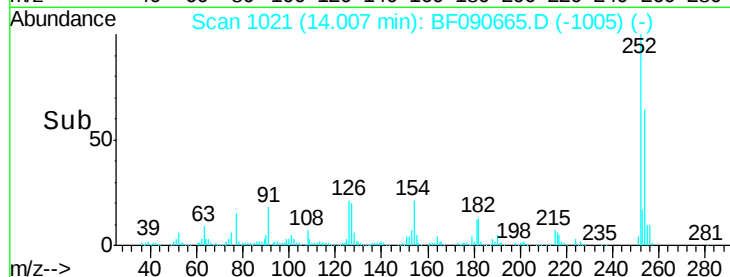
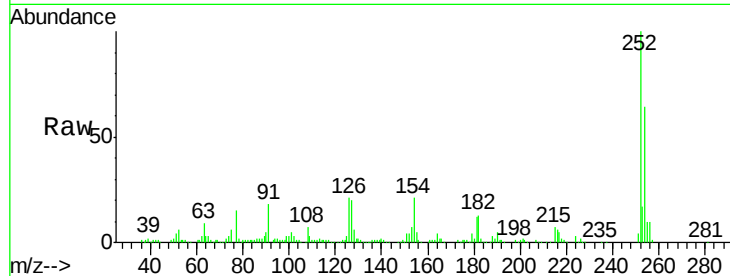
#81
 3,3'-Dichlorobenzidine
 Concen: 32.79 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	52.1	78.1
126	21.3	9.3	13.9

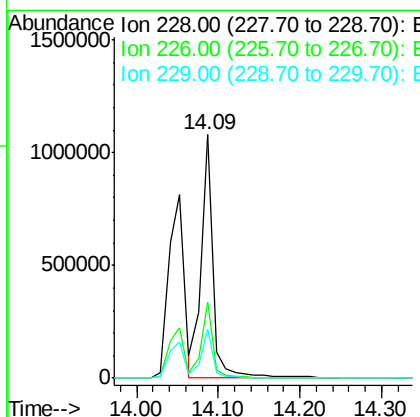
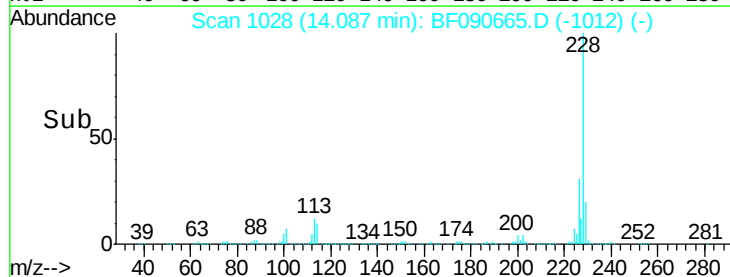
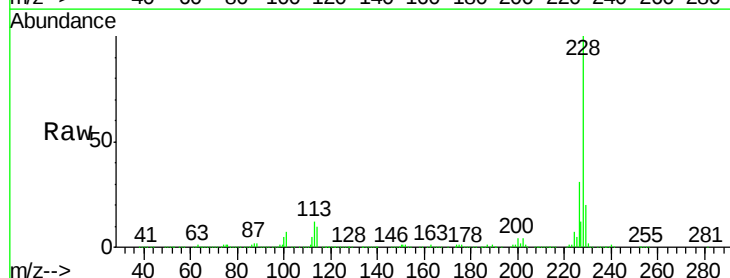
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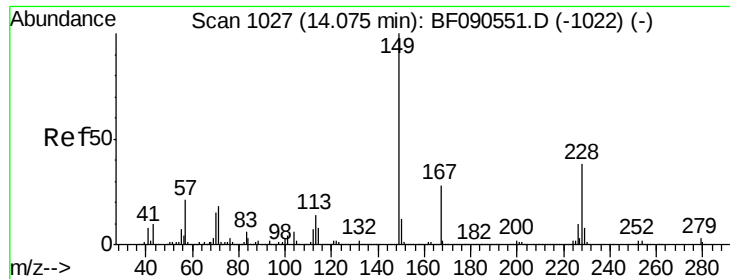
Sohil
 10/20/2016 10:36:59 AM



#82
 Chrysene
 Concen: 44.36 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	24.8	37.2
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.63 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

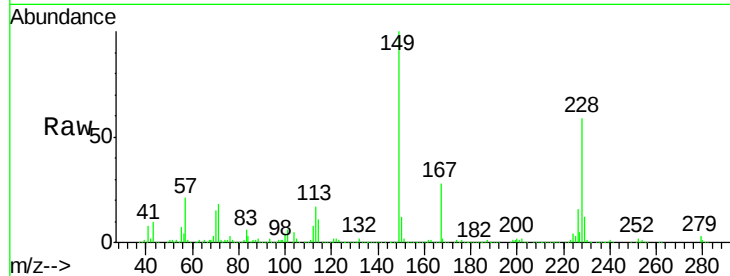
ClientSampleId :

PB94148BS

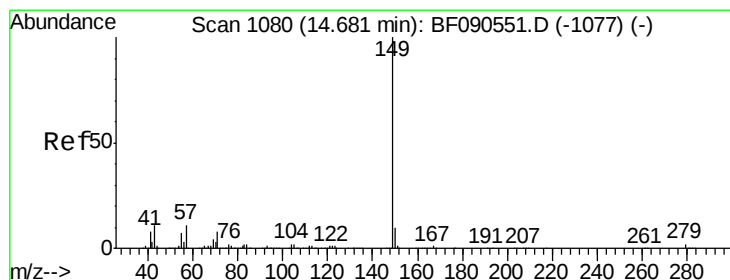
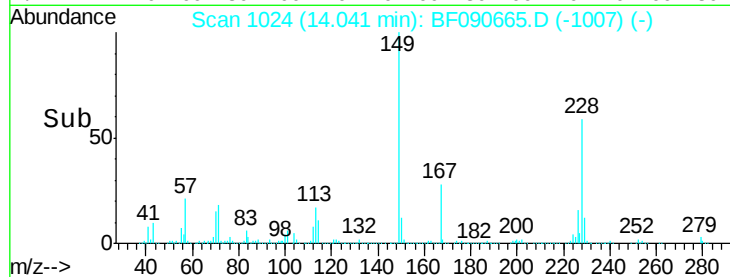
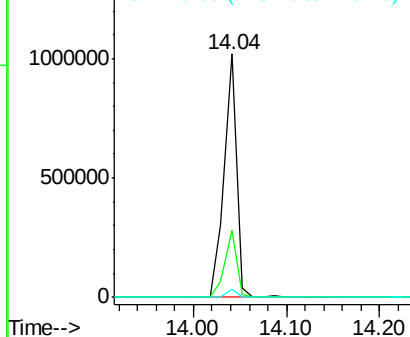
Tgt Ion:	149	Resp:	945443
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.1	33.1
279	3.4	2.6	4.0

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



#84

Di-n-octyl phthalate

Concen: 55.62 ng

RT: 14.65 min Scan# 1077

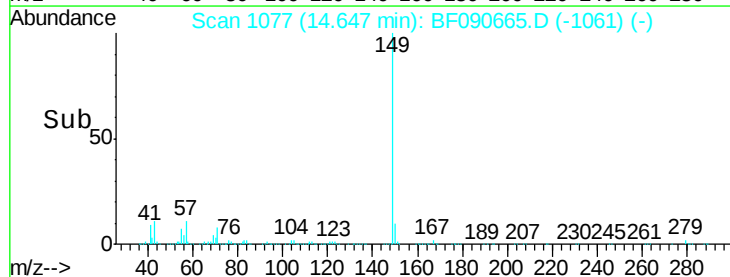
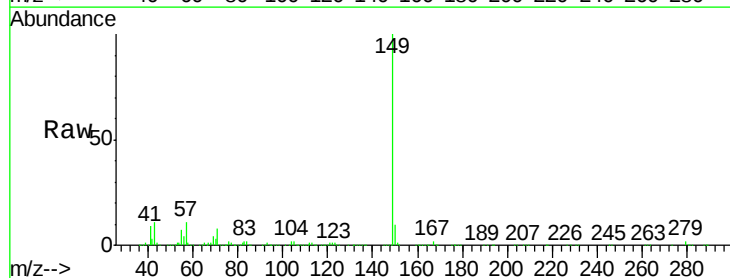
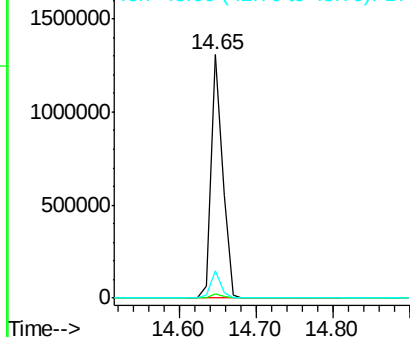
Delta R.T. -0.01 min

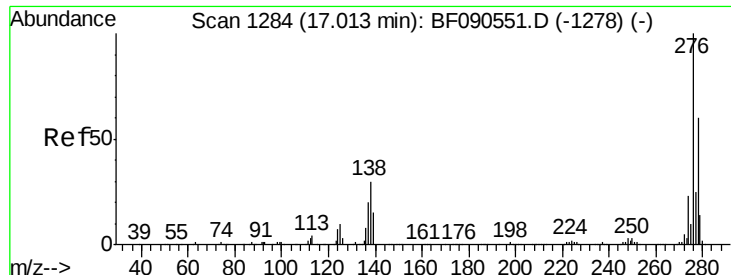
Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion:	149	Resp:	1339700
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.9	6.7	10.1

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





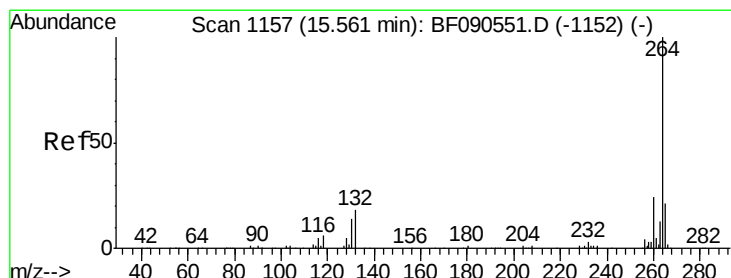
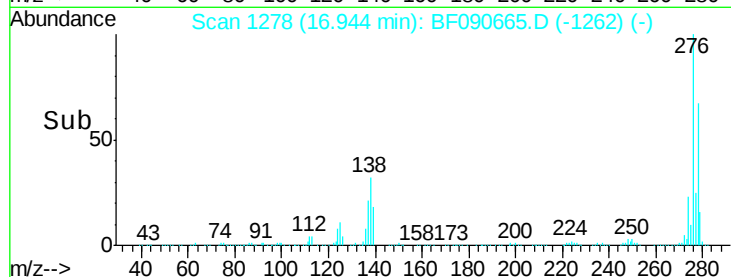
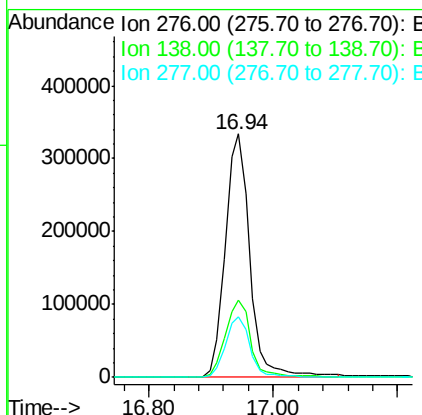
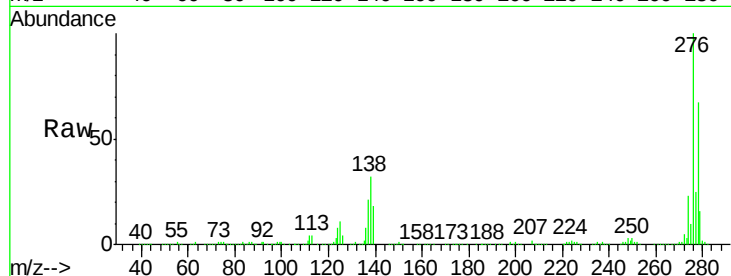
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.72 ng
 RT: 16.94 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.8	38.6
277	25.1	20.1	30.1

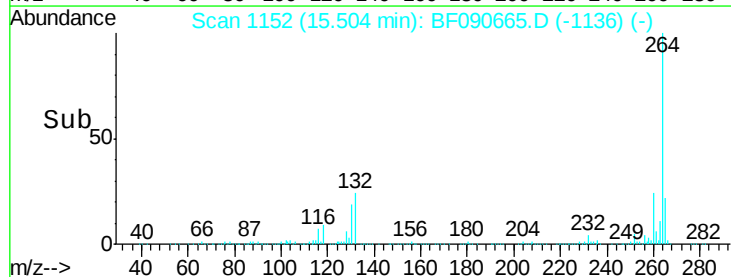
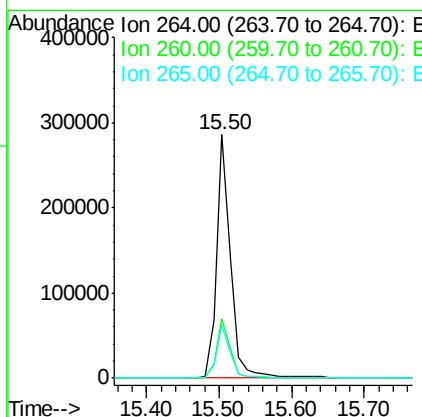
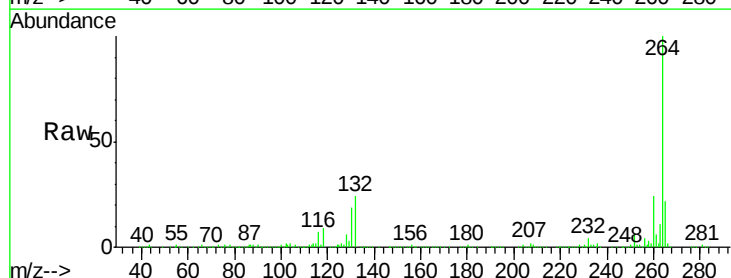
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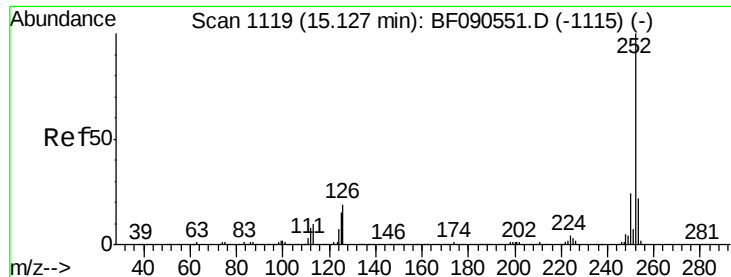
Sohil
 10/20/2016 10:36:59 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.8	16.7	25.1





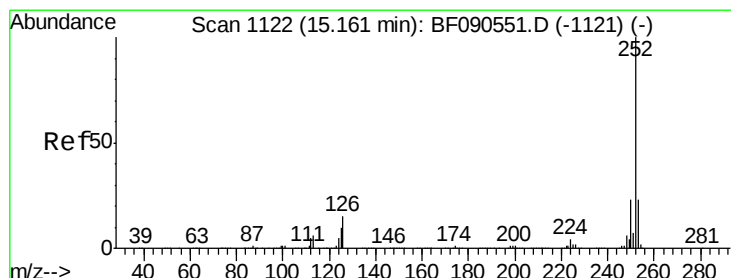
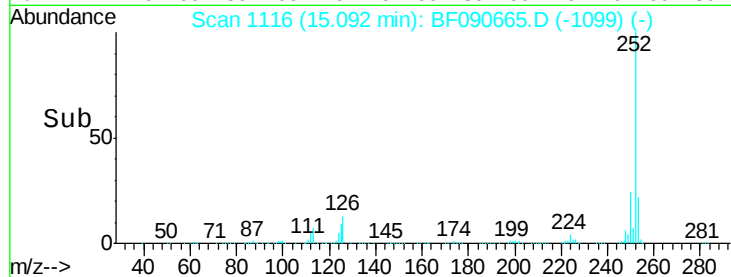
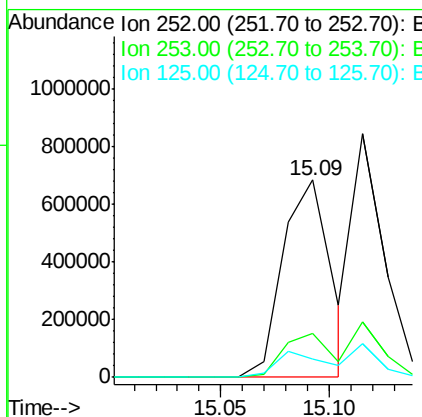
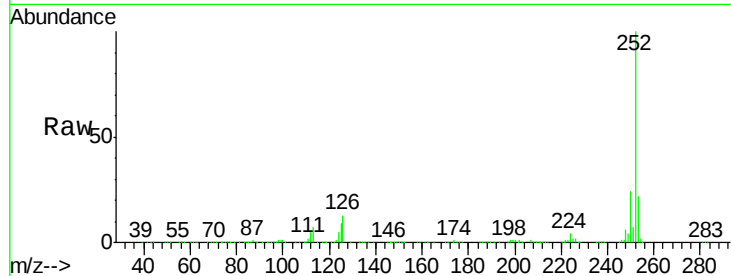
#87
Benzo(b)fluoranthene
Concen: 41.95 ng
RT: 15.09 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.4	12.0	18.0

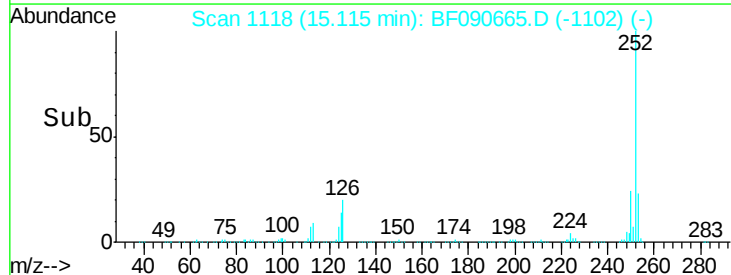
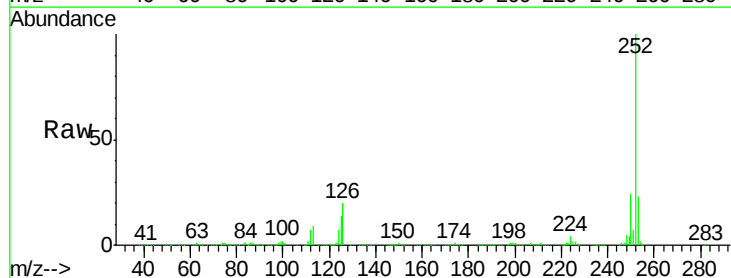
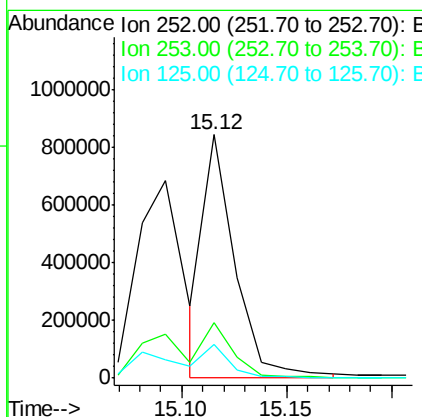
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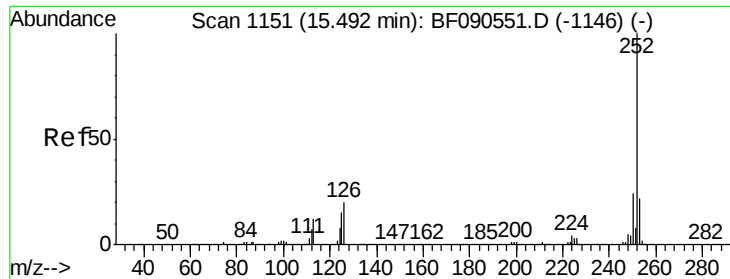
Sohil
10/20/2016 10:36:59 AM



#88
Benzo(k)fluoranthene
Concen: 33.59 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	13.8	10.0	15.0





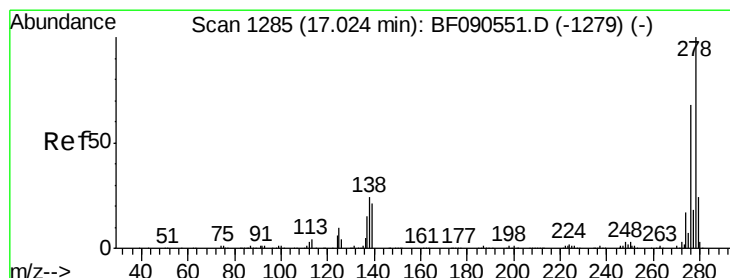
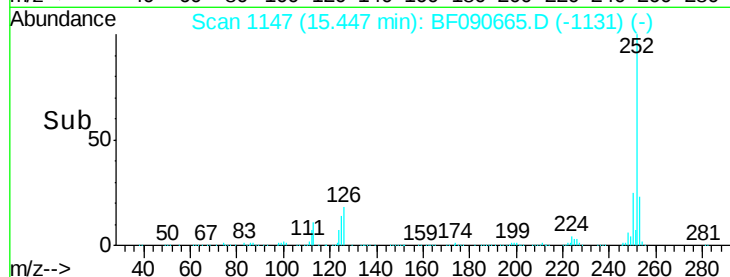
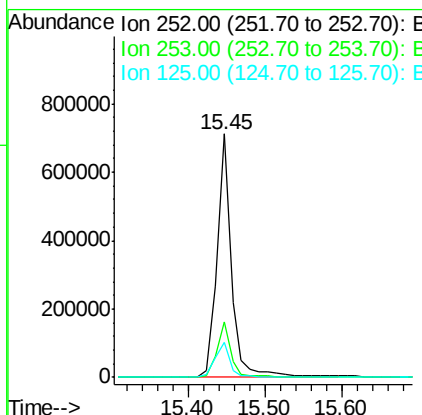
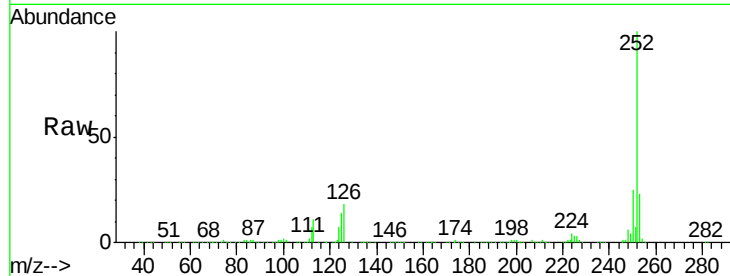
#89
Benzo(a)pyrene
Concen: 40.59 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.2	12.3	18.5

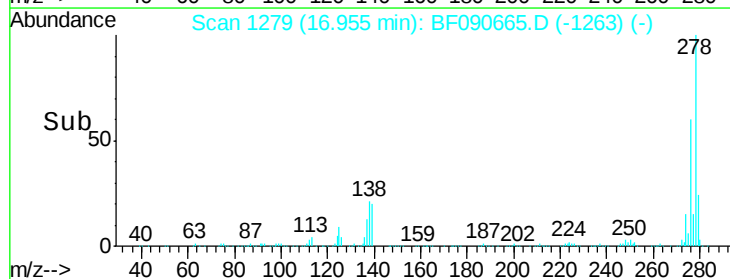
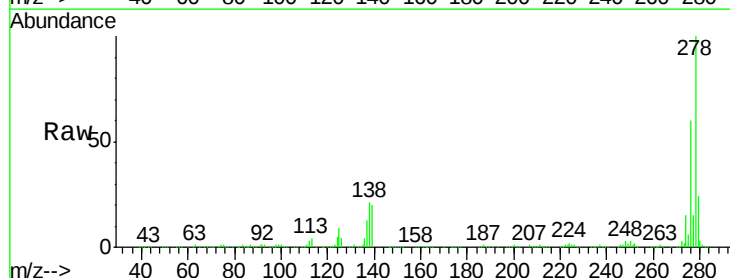
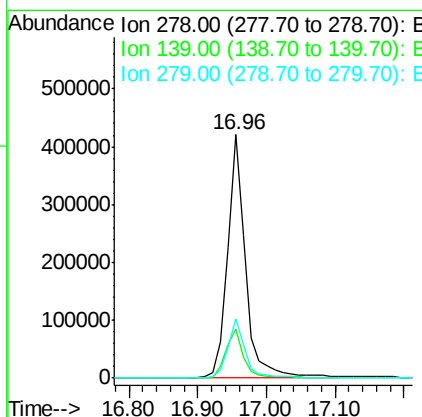
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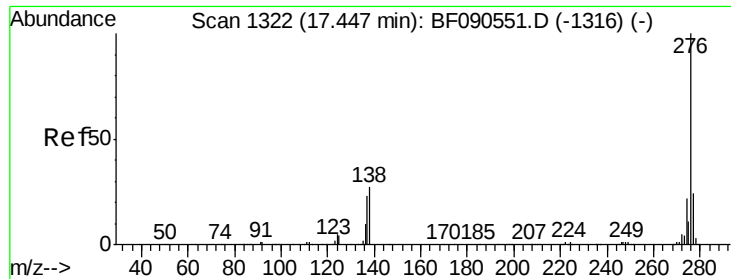
Sohil
10/20/2016 10:36:59 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.15 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.6	25.0
279	24.3	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 40.91 ng
 RT: 17.37 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.1	18.8	28.2
138	30.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:36:59 AM

