

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090660.D
 Acq On : 19 Oct 2016 21:00
 Operator : UM/SJ
 Sample : H5317-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Manual Integrations
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 10/20/2016 6:40:30 PM

Quant Time: Oct 20 11:58:34 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	224044	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1025916	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	517744	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	718736	20.00	ng	0.00
75) Chrysene-d12	14.06	240	494313	20.00	ng	0.00
86) Perylene-d12	15.50	264	438282	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1602872	131.16	ng	0.01
7) Phenol-d6	6.53	99	2018291	111.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	1387029	75.10	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	435960	94.45	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1956381	62.26	ng	-0.01
78) Terphenyl-d14	13.00	244	1423241	67.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	215075	30.88	ng	100
3) Pyridine	3.29	79	596662m	38.22	ng	
4) n-Nitrosodimethylamine	3.24	42	254868	45.97	ng	94
6) Aniline	6.55	93	732718	33.39	ng	100
8) 2-Chlorophenol	6.68	128	645881	40.76	ng	83
9) Benzaldehyde	6.43	77	133813	11.59	ng	90
10) Phenol	6.54	94	827418	39.84	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	663692	38.73	ng	95
12) 1,3-Dichlorobenzene	6.83	146	616558	39.01	ng	99
13) 1,4-Dichlorobenzene	6.91	146	626524	36.45	ng	100
14) 1,2-Dichlorobenzene	7.06	146	612384	38.11	ng	98
15) Benzyl Alcohol	7.03	79	566402	45.79	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1001241	41.52	ng	90
17) 2-Methylphenol	7.15	107	502274	40.67	ng	99
18) Hexachloroethane	7.40	117	240529	35.41	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	537467	43.17	ng	# 92
20) 3+4-Methylphenols	7.31	107	661655	44.19	ng	# 70
22) Acetophenone	7.30	105	850541	37.53	ng	# 95
24) Nitrobenzene	7.47	77	697110	36.78	ng	98
25) Isophorone	7.71	82	1339418	39.85	ng	99
26) 2-Nitrophenol	7.79	139	269361	31.33	ng	96
27) 2,4-Dimethylphenol	7.83	122	579091	40.58	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	815659	41.10	ng	99
29) 2,4-Dichlorophenol	8.04	162	454169	36.34	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	519048	35.46	ng	98
31) Naphthalene	8.20	128	1860466	35.60	ng	99
32) Benzoic acid	7.93	122	103159	11.77	ng	99
33) 4-Chloroaniline	8.25	127	466306	23.35	ng	100
34) Hexachlorobutadiene	8.31	225	270737	33.10	ng	99
35) Caprolactam	8.62	113	153288	43.95	ng	89
36) 4-Chloro-3-methylphenol	8.74	107	565523	39.22	ng	89
37) 2-Methylnaphthalene	8.89	142	1025996	33.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	496276	36.15	ng	99
40) Hexachlorocyclopentadiene	9.05	237	337351	50.31	ng	99

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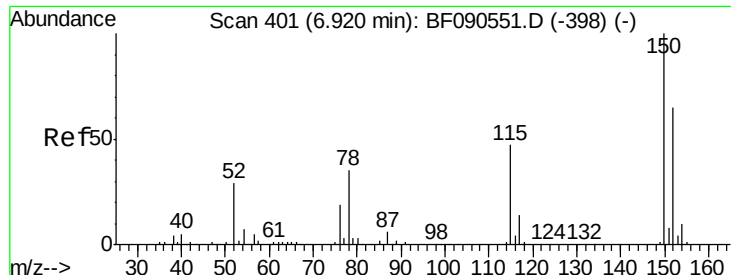
Manual Integrations
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Quant Time: Oct 20 11:58:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	312882	40.41	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	324096	35.09	nq #	89
45) 1,1'-Biphenyl	9.35	154	1320045	33.50	nq	98
46) 2-Chloronaphthalene	9.38	162	1014965	34.55	nq	98
47) 2-Nitroaniline	9.48	65	423205	39.74	nq	99
48) Acenaphthylene	9.80	152	1671575	35.73	nq	99
49) Dimethylphthalate	9.66	163	1843753	54.89	nq #	99
50) 2,6-Dinitrotoluene	9.72	165	263628	35.87	nq #	80
51) Acenaphthene	9.97	154	1019973	32.80	nq	99
52) 3-Nitroaniline	9.89	138	267903	29.05	nq	100
53) 2,4-Dinitrophenol	9.99	184	26347	11.81	nq #	78
54) Dibenzofuran	10.14	168	1433543	35.05	nq	99
55) 4-Nitrophenol	10.06	139	325138	58.57	nq #	84
56) 2,4-Dinitrotoluene	10.12	165	312898	31.34	nq #	76
57) Fluorene	10.49	166	1136177	33.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	231033	30.03	nq #	94
59) Diethylphthalate	10.36	149	1280524	37.59	nq	95
60) 4-Chlorophenyl-phenylether	10.47	204	558050	35.09	nq	97
61) 4-Nitroaniline	10.51	138	277518	30.01	nq	96
62) Azobenzene	10.63	77	1531667	38.87	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	27540	6.33	nq #	63
65) n-Nitrosodiphenylamine	10.60	169	913900	38.49	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	286481	37.15	nq	95
67) Hexachlorobenzene	11.03	284	321337	38.38	nq #	67
68) Atrazine	11.13	200	288809	43.98	nq	93
69) Pentachlorophenol	11.23	266	279090	67.25	nq	98
70) Phenanthrene	11.45	178	1461658	38.10	nq	99
71) Anthracene	11.49	178	1433718	34.72	nq	99
72) Carbazole	11.65	167	1292092	34.96	nq	99
73) Di-n-butylphthalate	11.98	149	1813535	41.88	nq	99
74) Fluoranthene	12.64	202	1222744	31.68	nq	99
76) Benzidine	12.76	184	527457	42.89	nq	96
77) Pyrene	12.86	202	1236410	37.77	nq	100
79) Butylbenzylphthalate	13.48	149	663677	45.76	nq	95
80) Benzo(a)anthracene	14.05	228	1014289	36.04	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	319491	33.23	nq #	98
82) Chrysene	14.09	228	1046692	38.60	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	893293	45.65	nq	99
84) Di-n-octyl phthalate	14.65	149	1290247	49.17	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	916993	58.49	nq	98
87) Benzo(b)fluoranthene	15.09	252	953290	33.24	nq #	97
88) Benzo(k)fluoranthene	15.12	252	938690m	30.42	nq	
89) Benzo(a)pyrene	15.45	252	886996	33.78	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	788734	39.39	nq	97
91) Benzo(g,h,i)perylene	17.38	276	683733	35.81	nq	98

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



#1

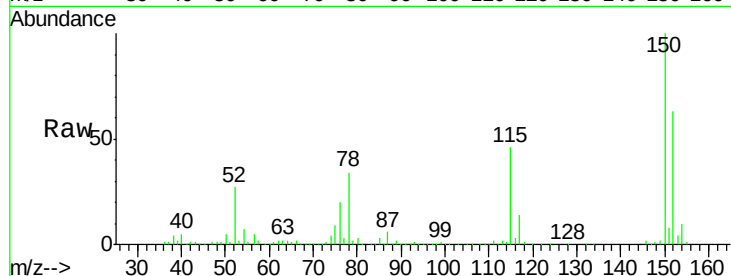
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.2	190.8
115	72.6	58.6	88.0

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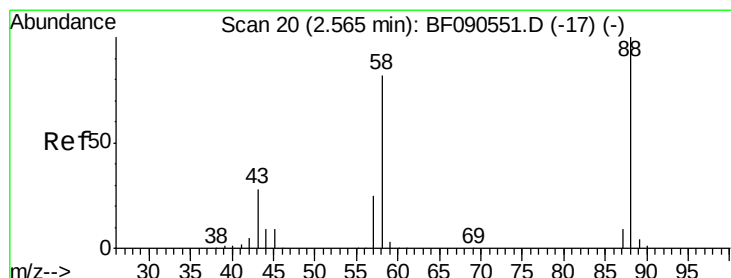
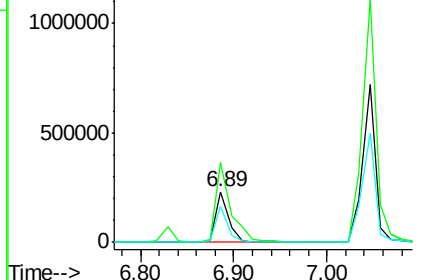
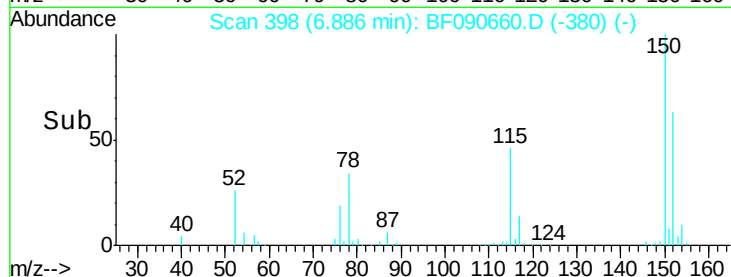


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

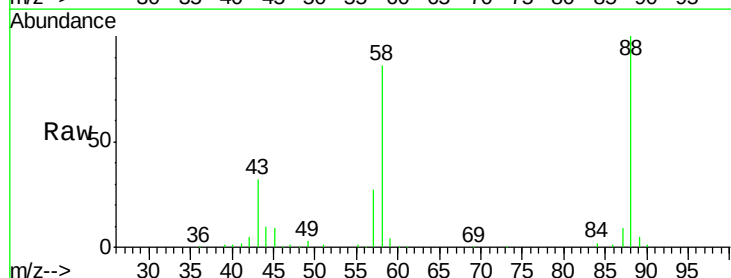
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.88 ng
RT: 2.54 min Scan# 18
Delta R.T. 0.02 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	67.2	100.8
43	29.6	24.1	36.1

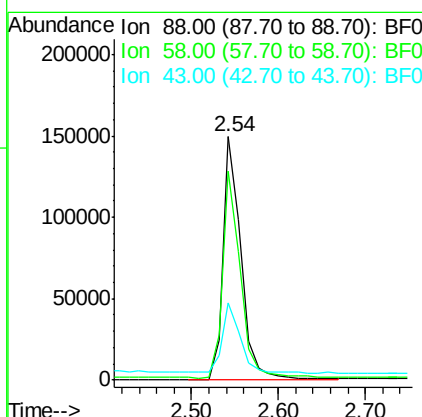
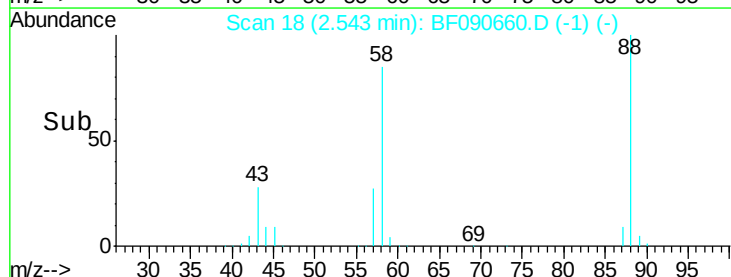


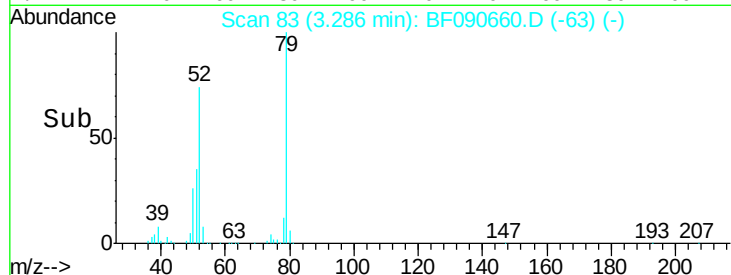
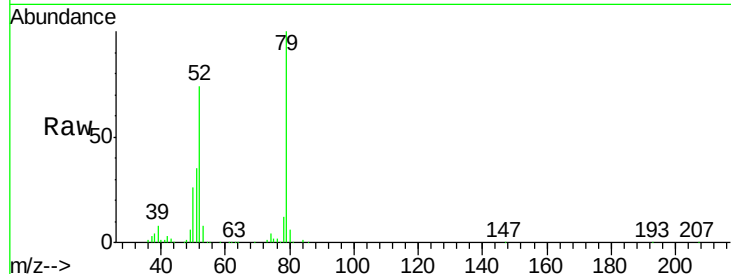
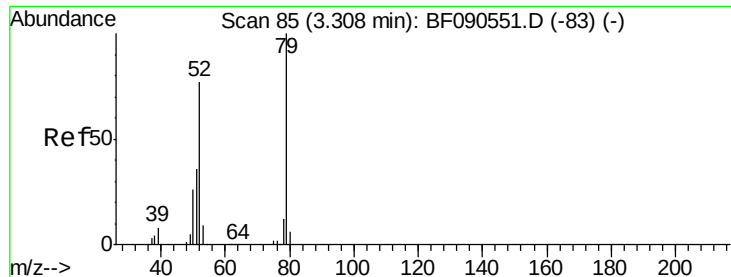
Abundance

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





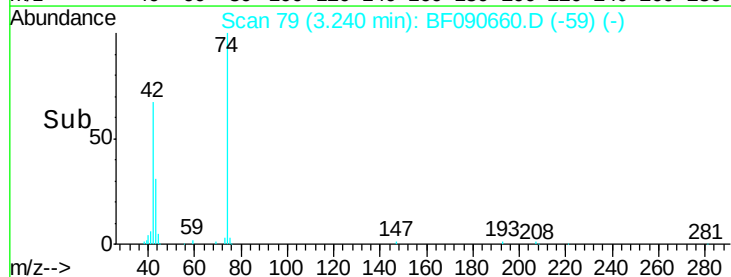
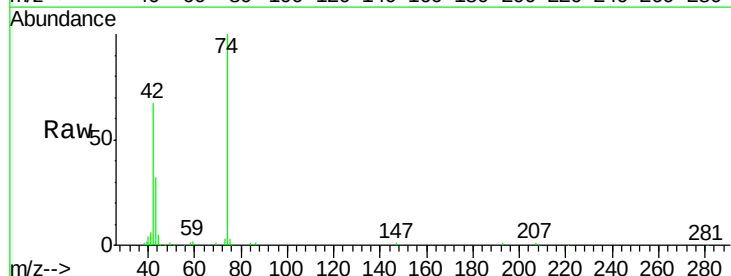
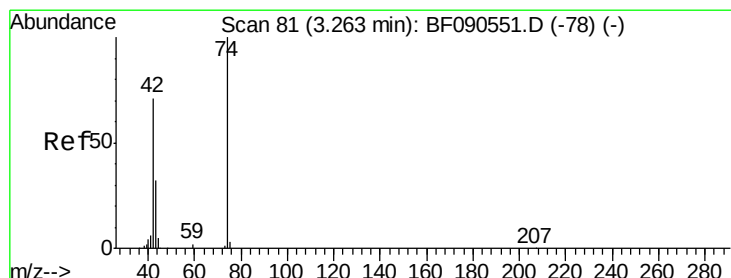
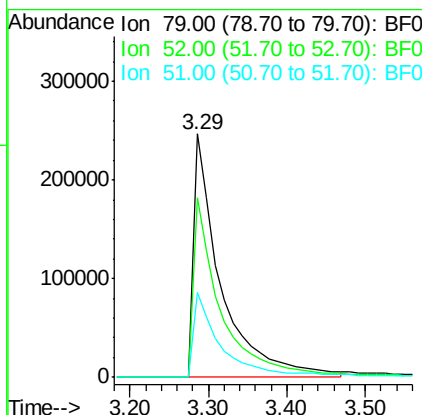
#3
 Pvridine
 Concen: 38.22 ng/ml
 RT: 3.29 min Scan# 83
 Delta R.T. 0.03 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		596662		
52	73.7	61.8	92.8		
51	34.8	29.2	43.8		

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

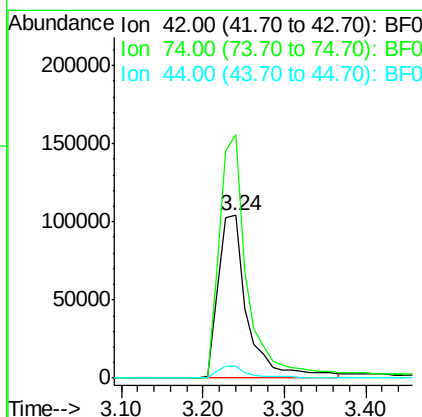
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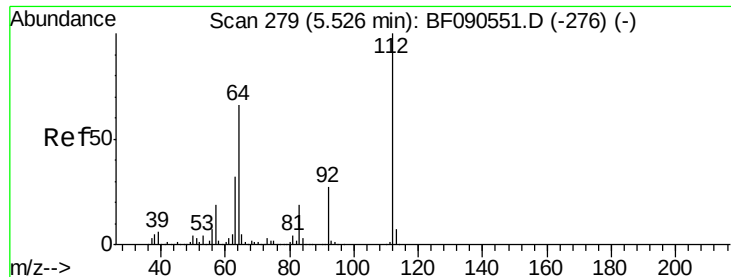
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#4
 n-Nitrosodimethylamine
 Concen: 45.97 ng/ml
 RT: 3.24 min Scan# 79
 Delta R.T. 0.02 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		254868		
74	149.6	113.3	169.9		
44	7.3	6.0	9.0		





#5

2-Fluorophenol

Concen: 131.16 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

ClientSampleId :

101816-03MS

Tot Ion:112 Resp: 1602872

Ion Ratio Lower Upper

112 100

64 63.8 52.6 78.8

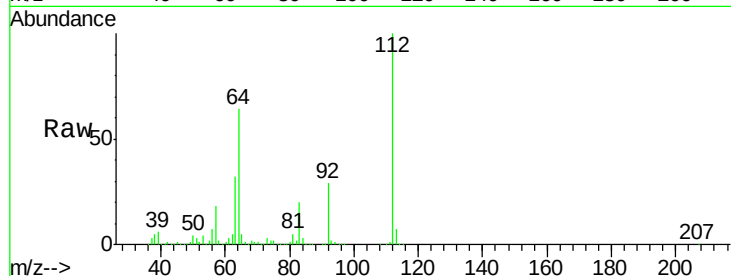
63 31.9 26.0 39.0

Manual Integrations

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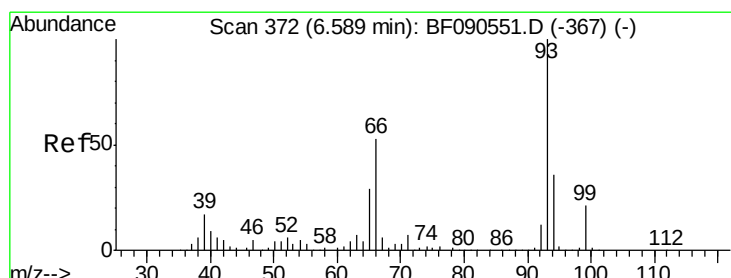
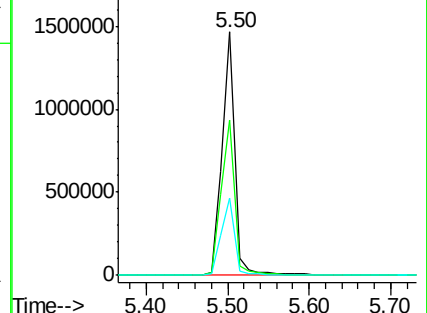
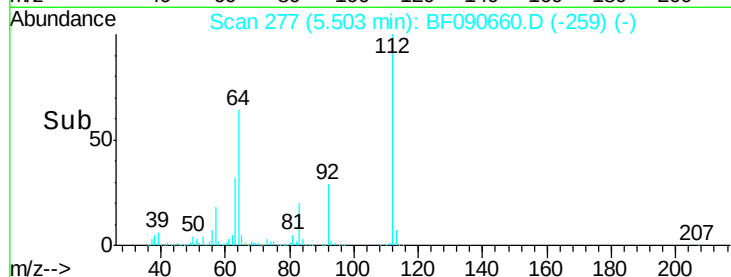
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.39 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

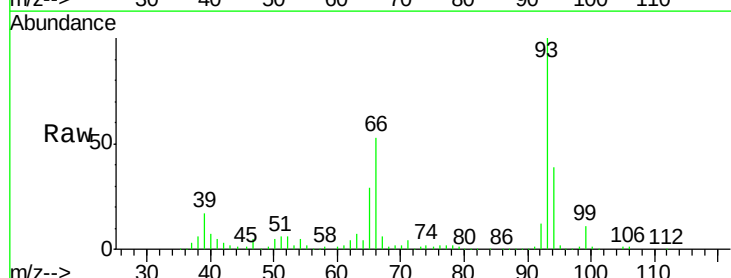
Tgt Ion: 93 Resp: 732718

Ion Ratio Lower Upper

93 100

66 52.7 42.2 63.2

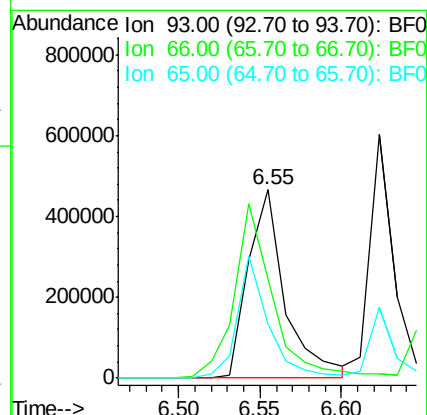
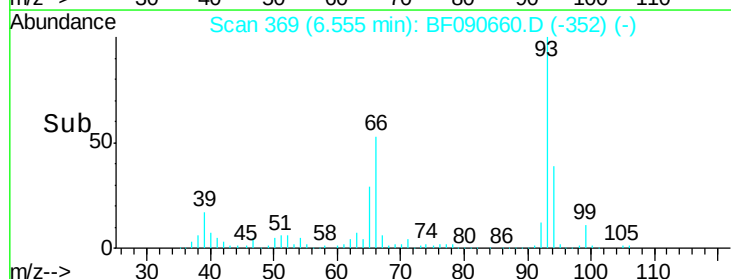
65 28.8 22.9 34.3

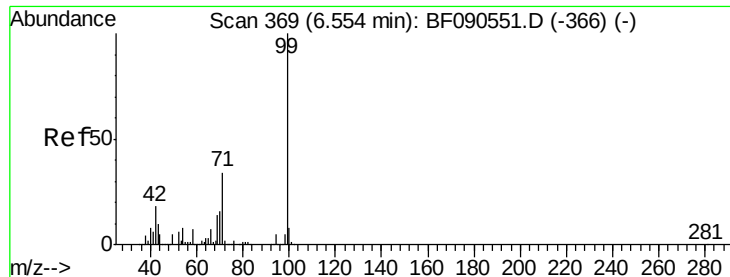


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.14 ng

RT: 6.53 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

ClientSampleId :

101816-03MS

Tot Ion: 99 Resp: 2018291

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

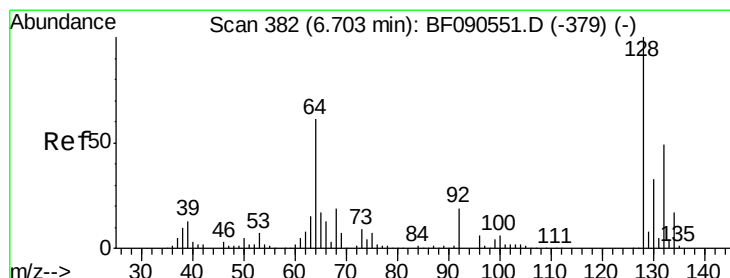
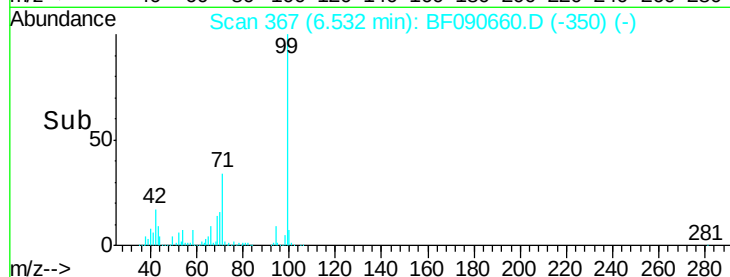
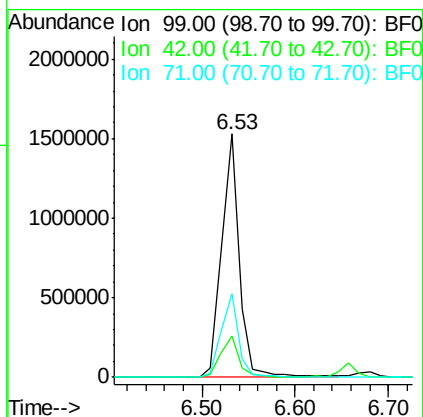
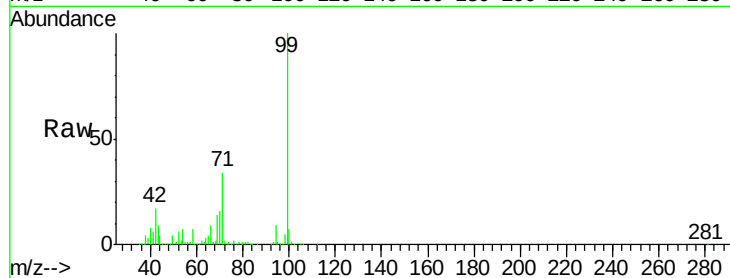
71 34.4 27.6 41.4

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#8

2-Chlorophenol

Concen: 40.76 ng

RT: 6.68 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

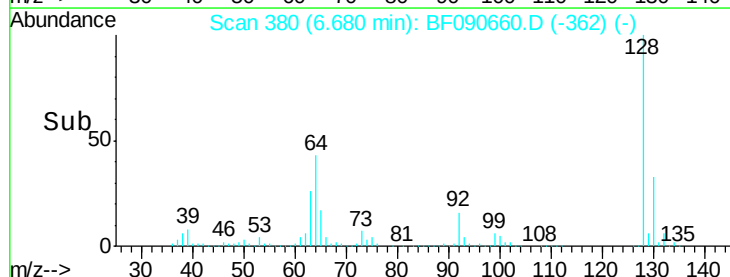
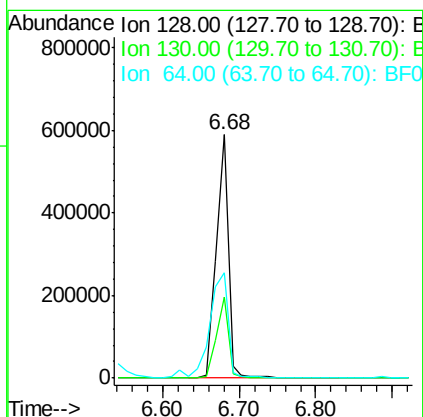
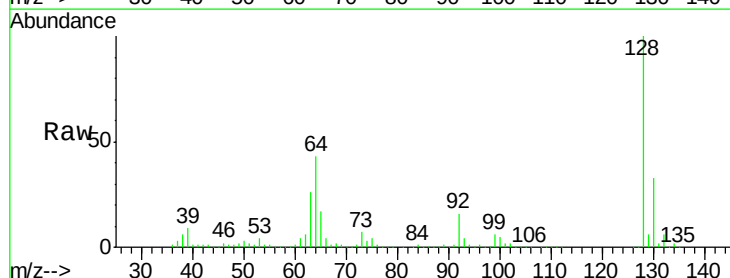
Tgt Ion: 128 Resp: 645881

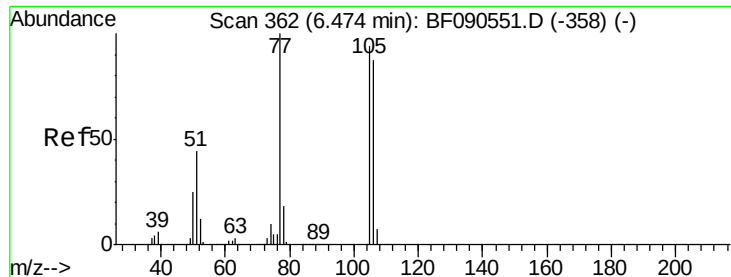
Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

64 43.4 42.6 82.6





#9

Benzaldehyde

Concen: 11.59 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

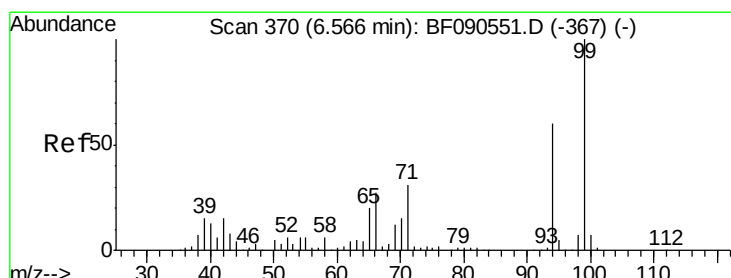
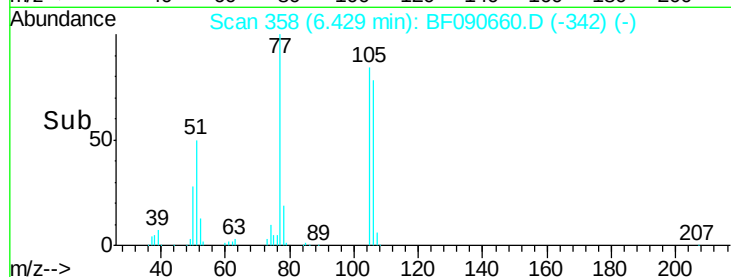
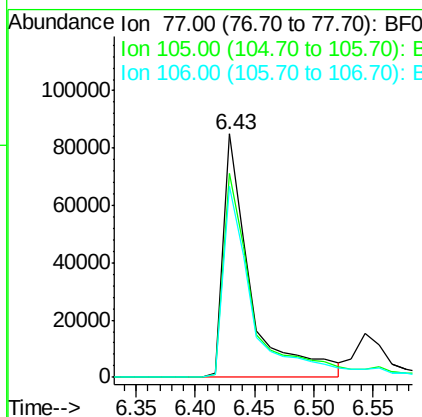
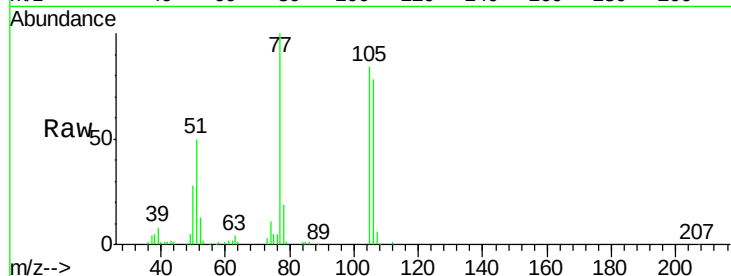
ClientSampleId :

101816-03MS

Tot Ion:	77	Resp:	133813
Ion	Ratio	Lower	Upper
77	100		
105	83.8	74.3	114.3
106	78.3	67.2	107.2

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#10

Phenol

Concen: 39.84 ng

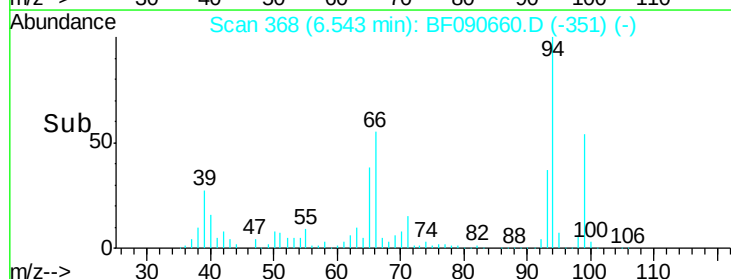
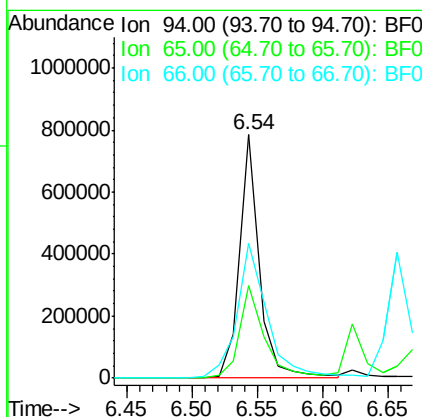
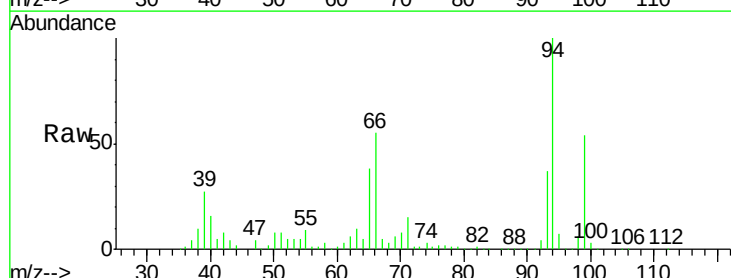
RT: 6.54 min Scan# 368

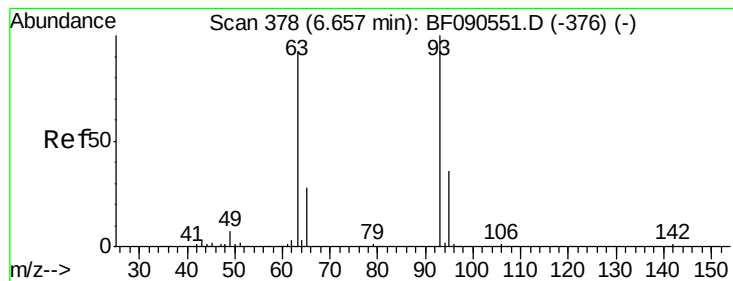
Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:	94	Resp:	827418
Ion	Ratio	Lower	Upper
94	100		
65	38.3	12.5	52.5
66	55.2	25.5	65.5





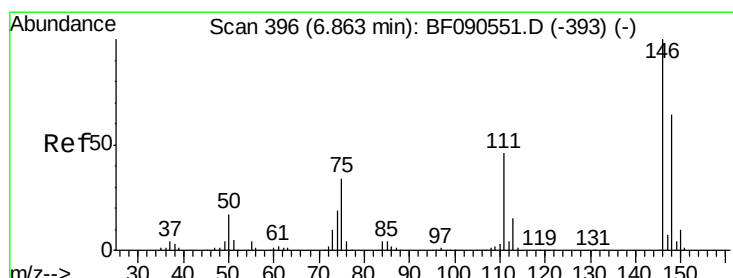
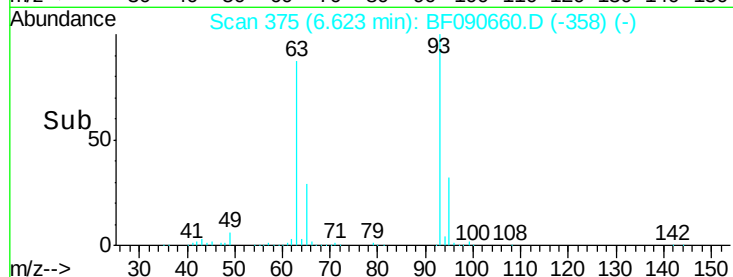
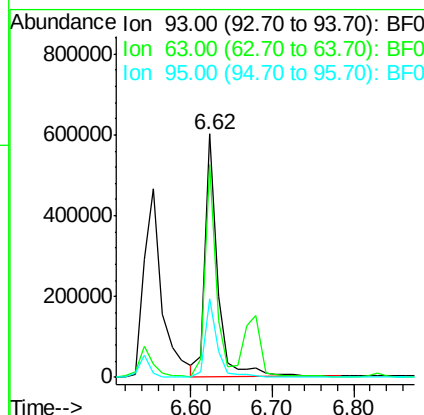
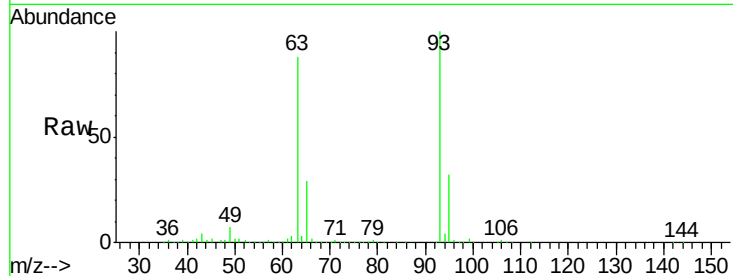
#11
bis(2-Chloroethyl)ether
Concen: 38.73 ng
RT: 6.62 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	663692		
63	87.6		61.6	101.6
95	32.2		11.8	51.8

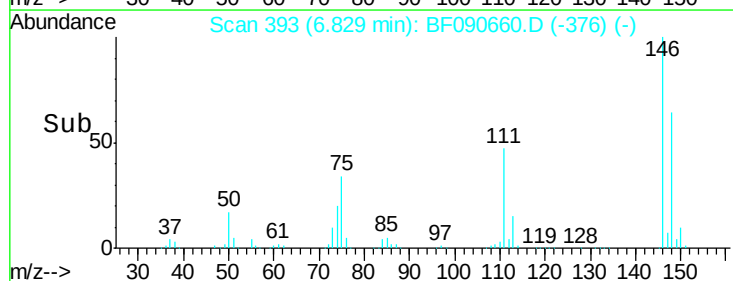
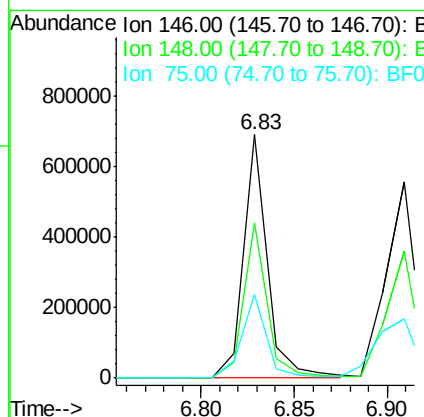
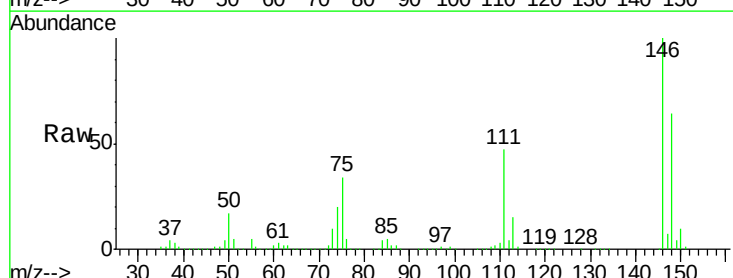
Manual Integrations
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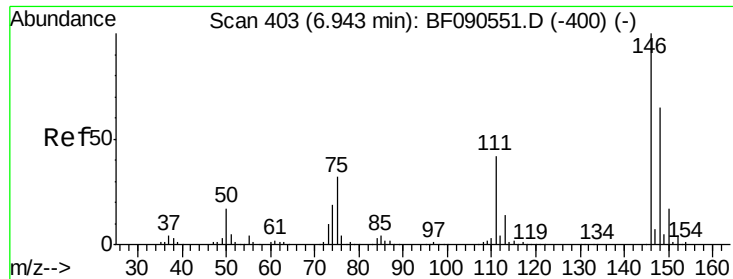
sohil
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#12
1,3-Dichlorobenzene
Concen: 39.01 ng
RT: 6.83 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	616558		
148	63.8		51.4	77.2
75	34.5		27.0	40.6





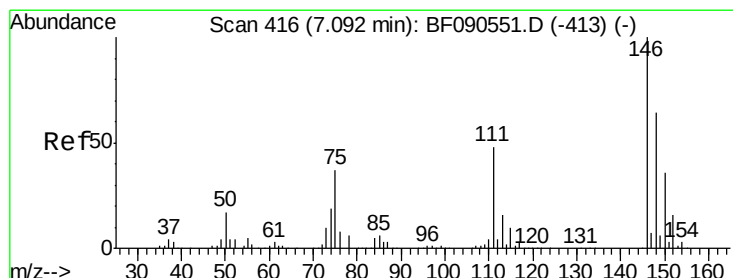
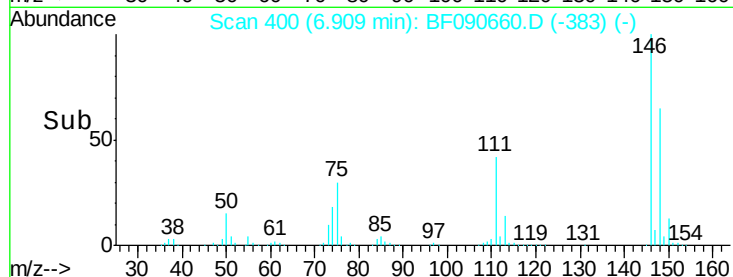
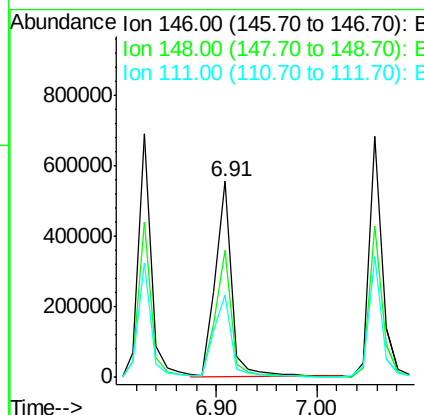
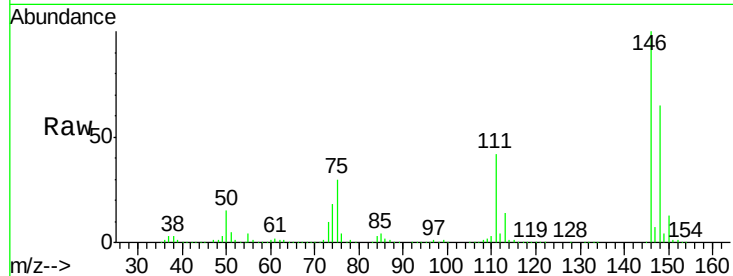
#13
 1,4-Dichlorobenzene
 Concen: 36.45 ng
 RT: 6.91 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleID :
 101816-03MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	41.7	33.7	50.5

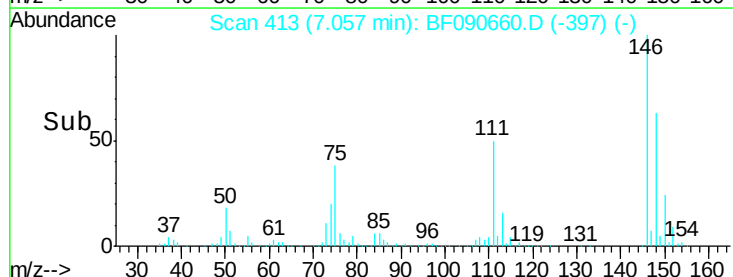
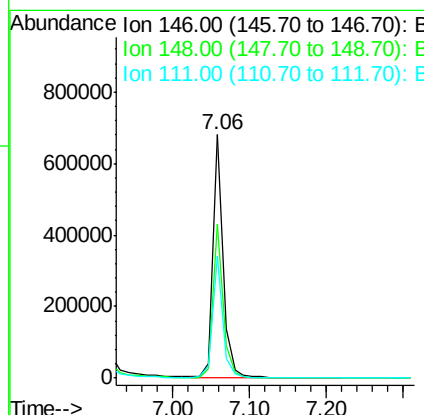
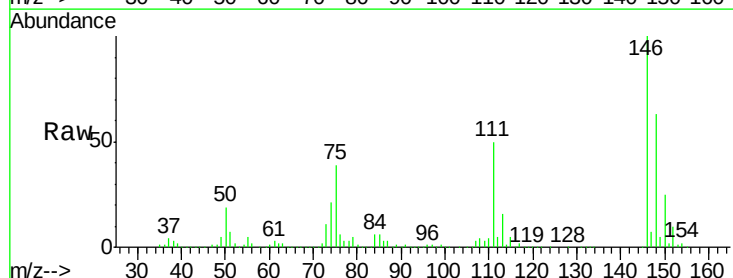
Manual Integrations
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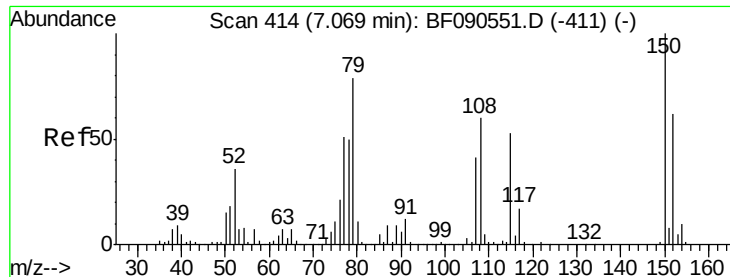
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#14
 1,2-Dichlorobenzene
 Concen: 38.11 ng
 RT: 7.06 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.2	76.8
111	50.1	38.2	57.2





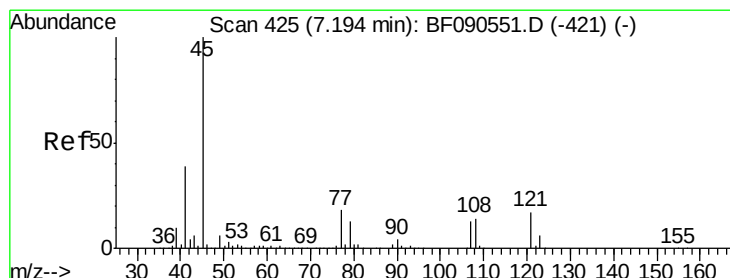
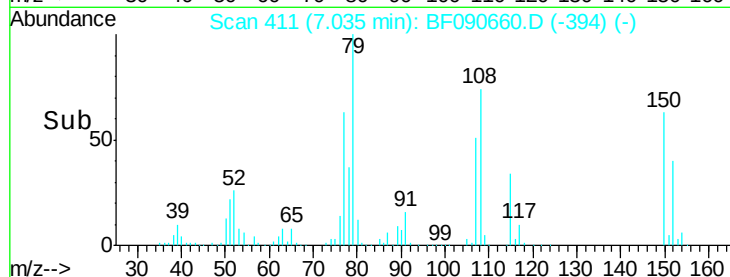
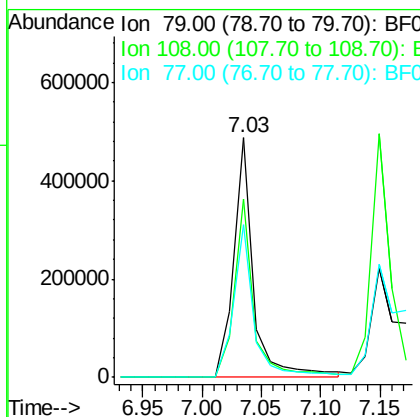
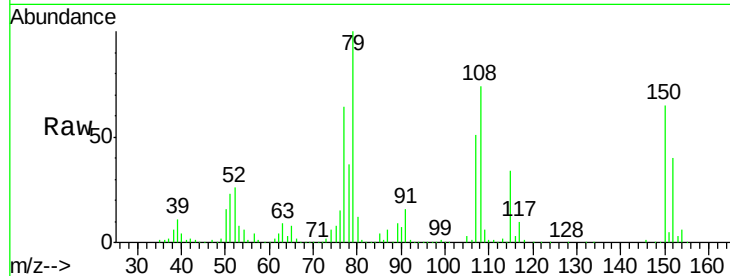
#15
Benzyl Alcohol
Concen: 45.79 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	60.2	90.4
77	63.6	52.0	78.0

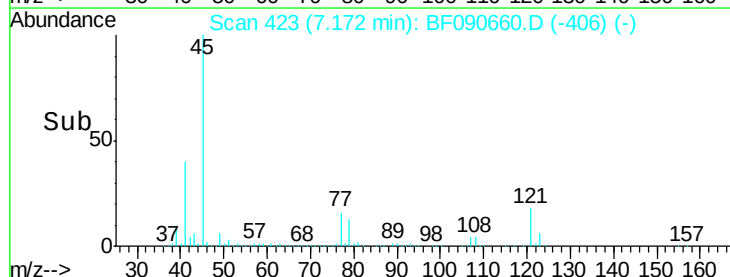
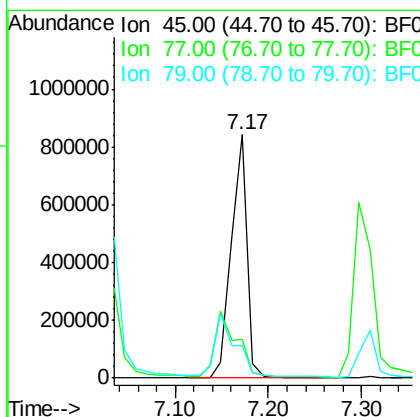
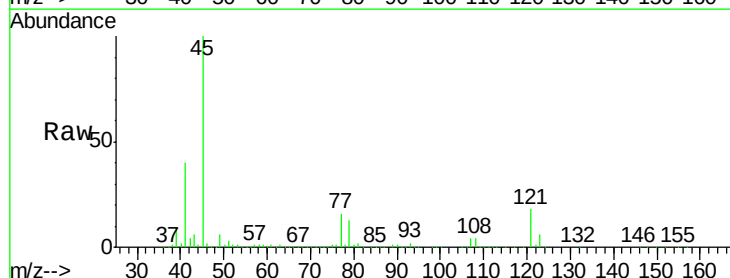
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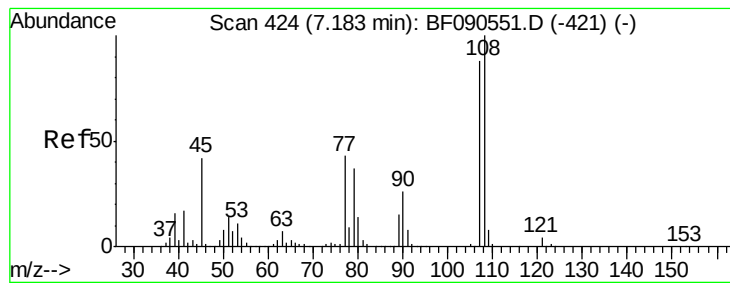
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.52 ng
RT: 7.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.9	40.9
79	13.2	0.0	37.3





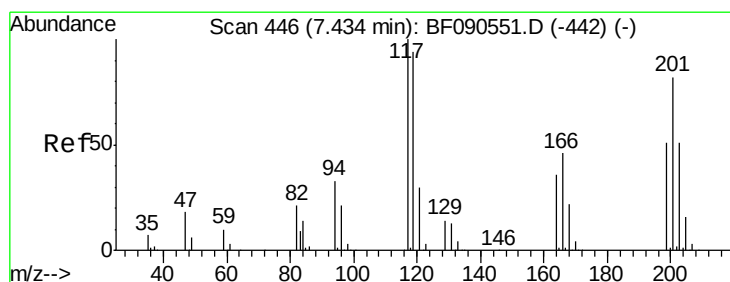
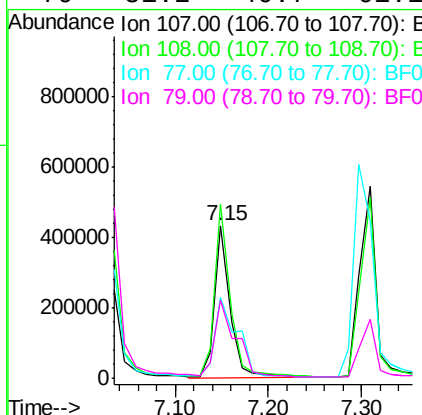
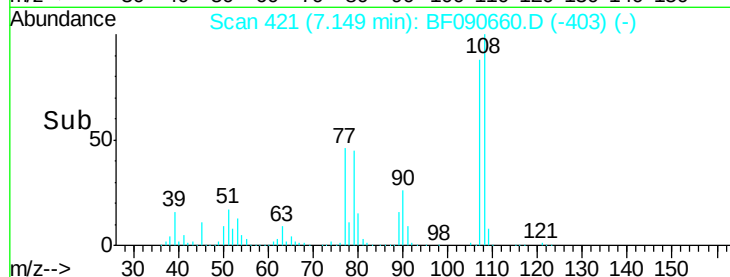
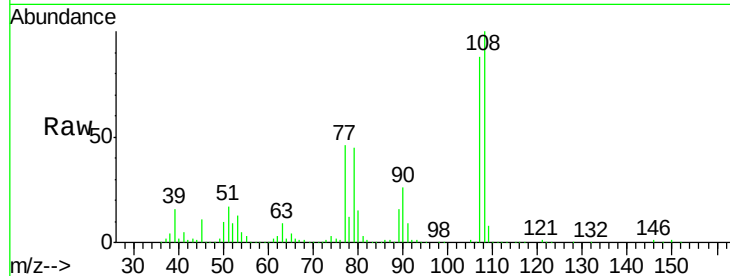
#17
2-Methylphenol
Concen: 40.67 ng
RT: 7.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	92.6	138.8	
77	53.1	42.2	63.2	
79	51.2	40.7	61.1	

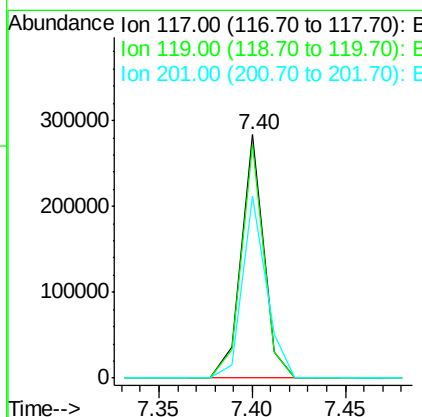
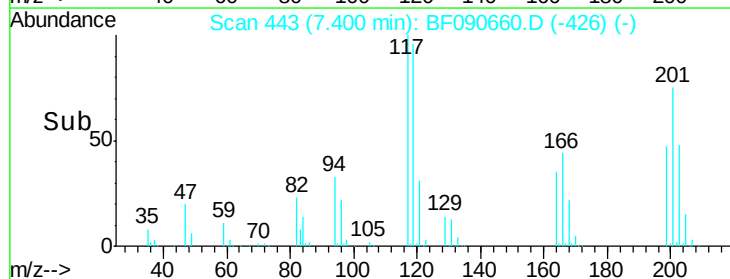
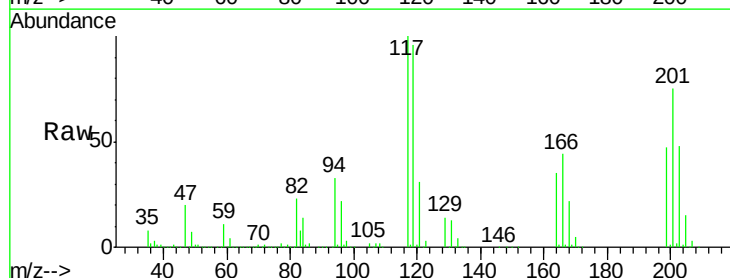
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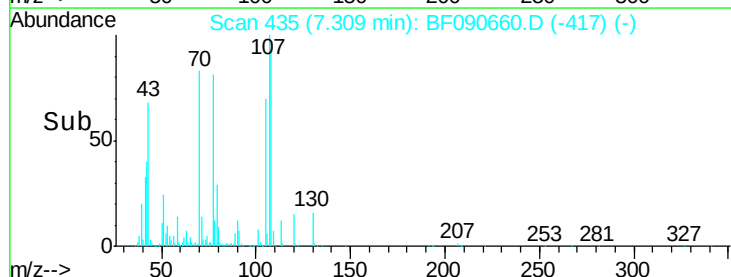
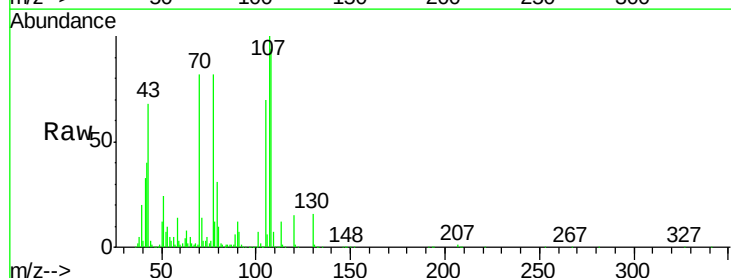
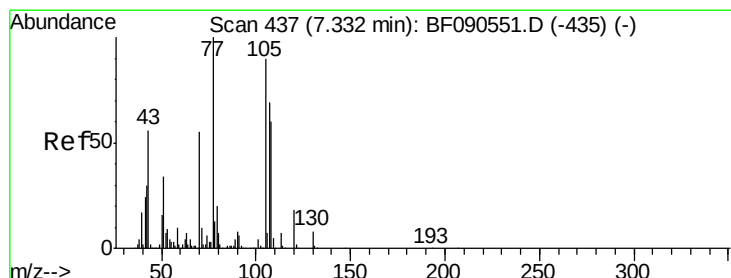
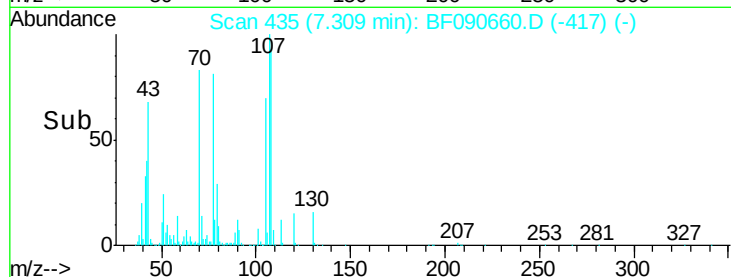
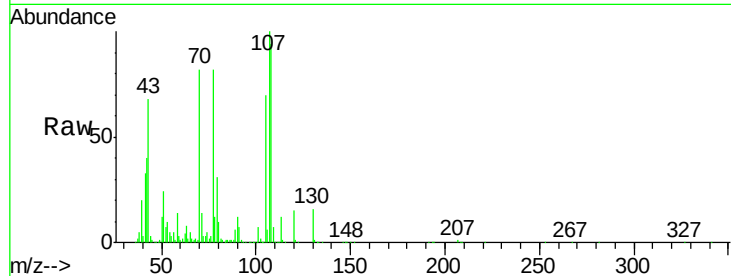
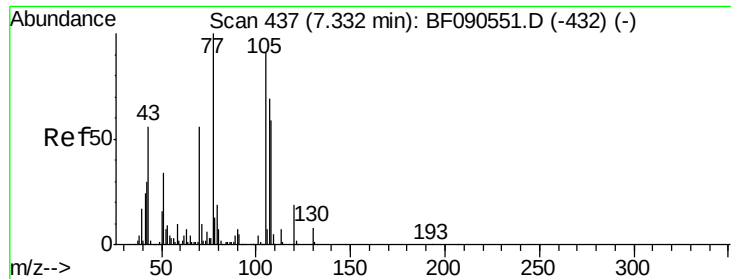
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#18
Hexachloroethane
Concen: 35.41 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.6	113.4	
201	74.8	65.4	98.0	





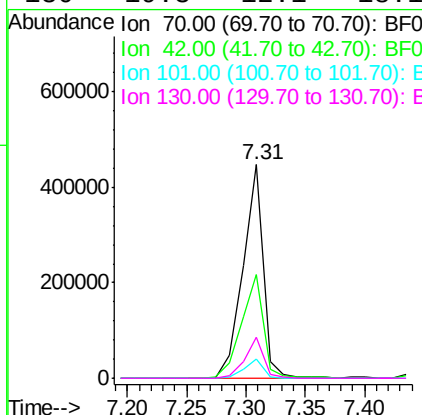
#19
n-Nitroso-di-n-propylamine
Concen: 43.17 ng
RT: 7.31 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.8	43.4	65.0
101	9.1	6.4	9.6
130	19.3	12.1	18.1#

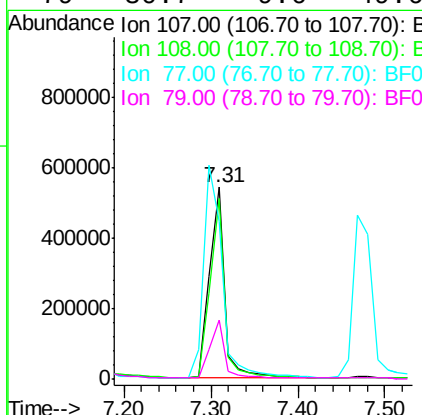
Manual Integrations
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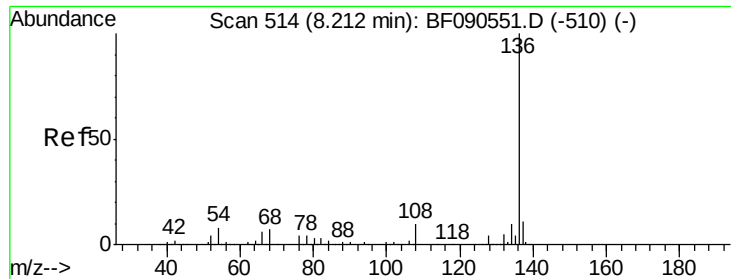
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#20
3+4-Methylphenols
Concen: 44.19 ng
RT: 7.31 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	67.7	107.7
77	81.8	123.1	163.1#
79	30.7	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: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

ClientSampleId :

101816-03MS

Tot Ion:136 Resp: 1025916

Ion Ratio Lower Upper

136 100

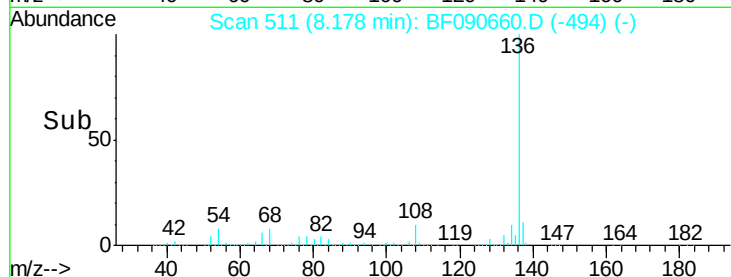
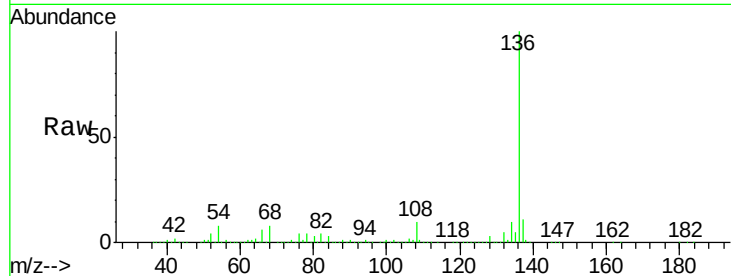
137 11.2 8.8 13.2

54 8.5 6.8 10.2

68 7.6 6.0 9.0

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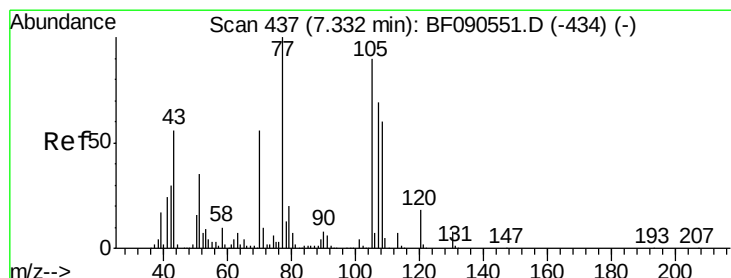
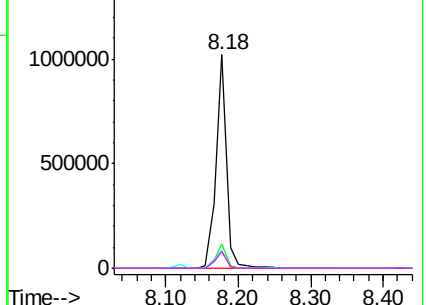


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.53 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:105 Resp: 850541

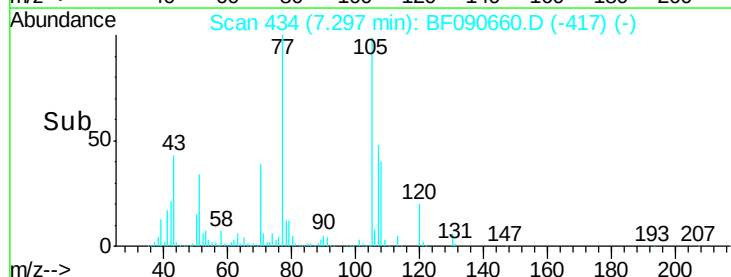
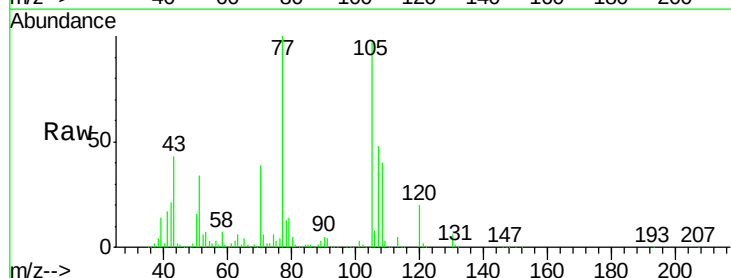
Ion Ratio Lower Upper

105 100

71 6.6 8.5 12.7#

51 35.2 31.0 46.4

120 20.6 16.2 24.4

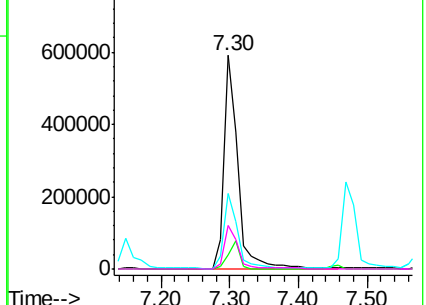


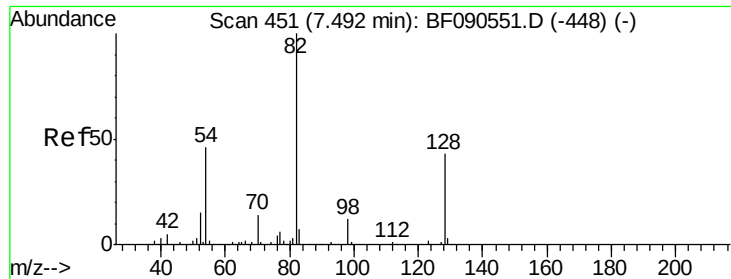
Abundance Ion 105.00 (104.70 to 105.70): E

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





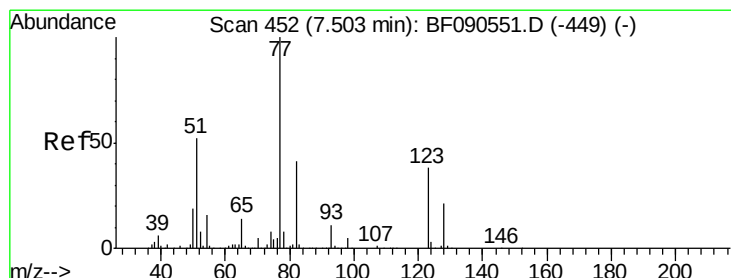
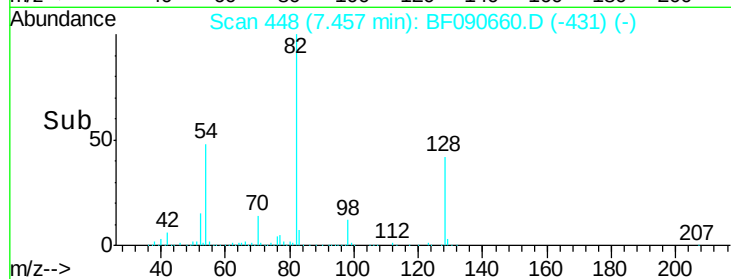
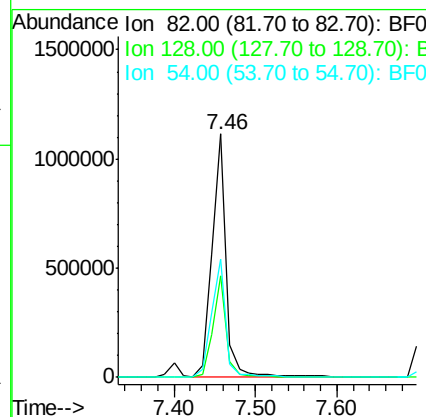
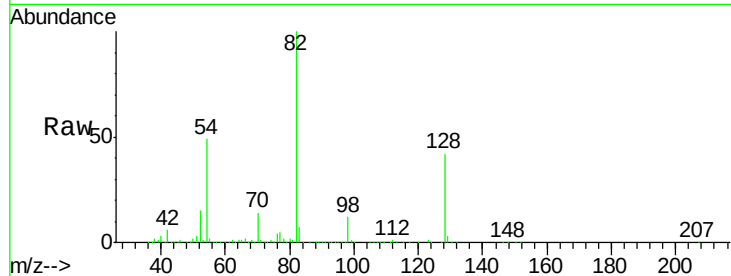
#23
Nitrobenzene-d5
Concen: 75.10 ng
RT: 7.46 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.3	51.5
54	48.5	37.0	55.6

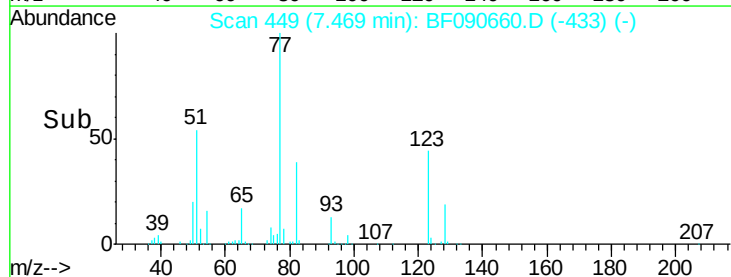
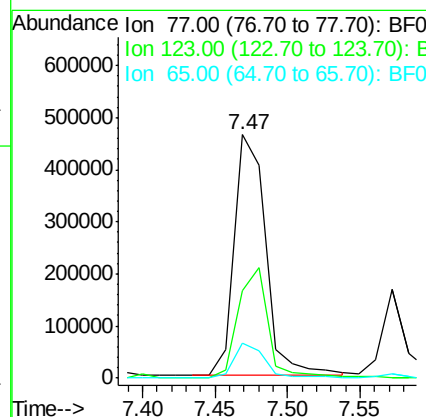
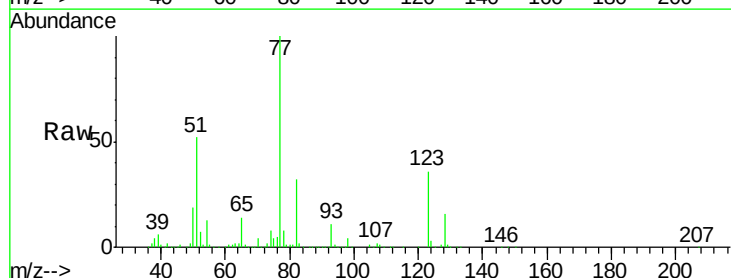
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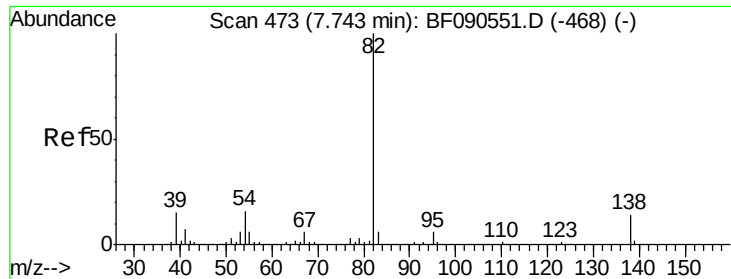
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#24
Nitrobenzene
Concen: 36.78 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	29.8	44.6
65	14.3	10.9	16.3





#25

Isophorone

Concen: 39.85 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tot Ion: 82 Resp: 1339418

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

138 13.8 11.5 17.3

Instrument :

BNA_F

ClientSampleId :

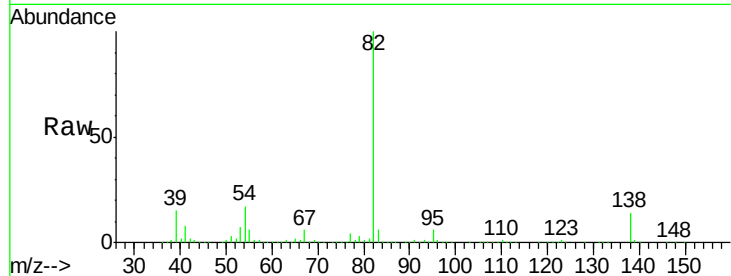
101816-03MS

Manual Integrations

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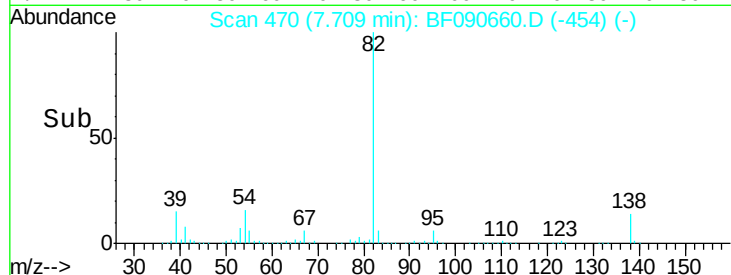


Abundance Ion 82.00 (81.70 to 82.70): BF0

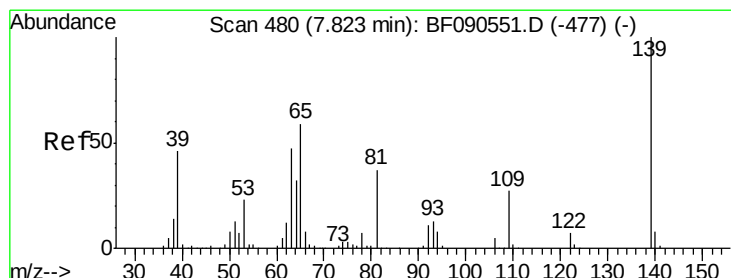
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#26

2-Nitrophenol

Concen: 31.33 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

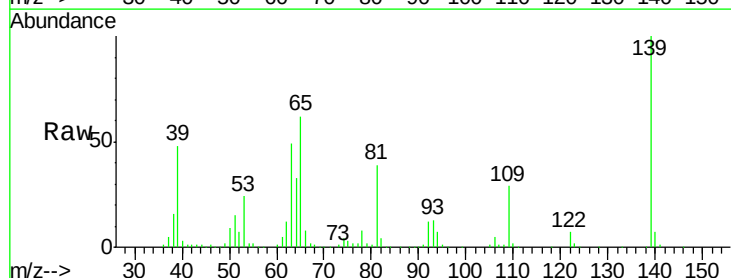
Tgt Ion: 139 Resp: 269361

Ion Ratio Lower Upper

139 100

109 29.1 21.8 32.6

65 62.2 47.7 71.5

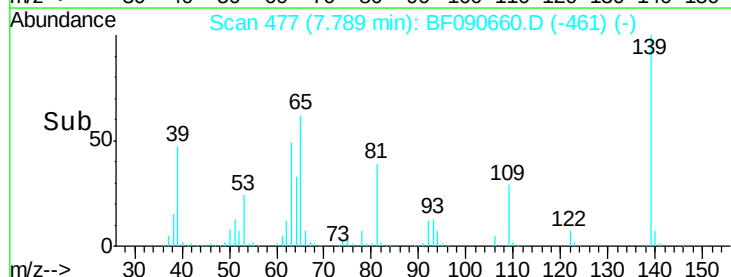


Abundance Ion 139.00 (138.70 to 139.70): BF0

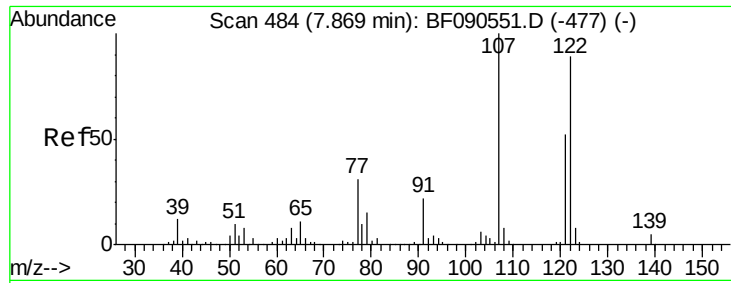
Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#27

2,4-Dimethylphenol

Concen: 40.58 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

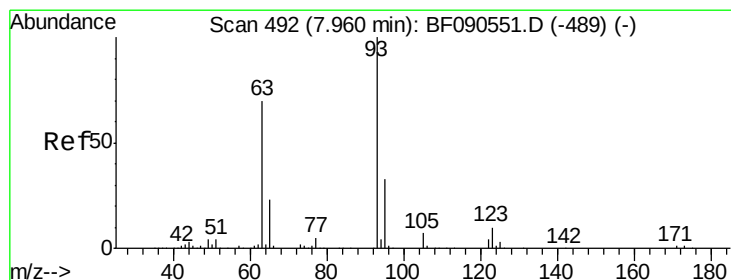
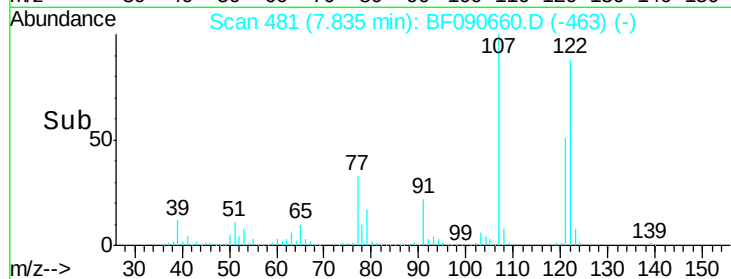
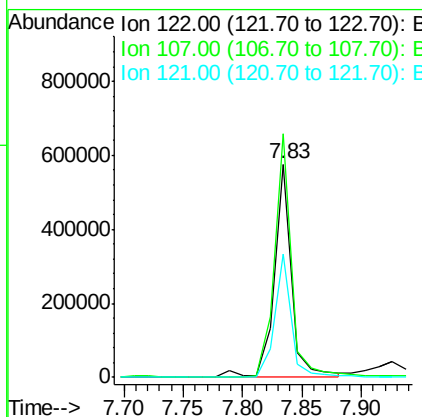
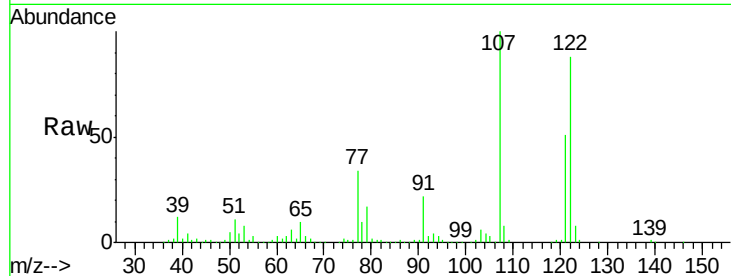
ClientSampleId :

101816-03MS

Tot Ion:	122	Resp:	579091
Ion Ratio	Lower	Upper	
122	100		
107	114.2	89.8	134.6
121	58.1	46.1	69.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 41.10 ng

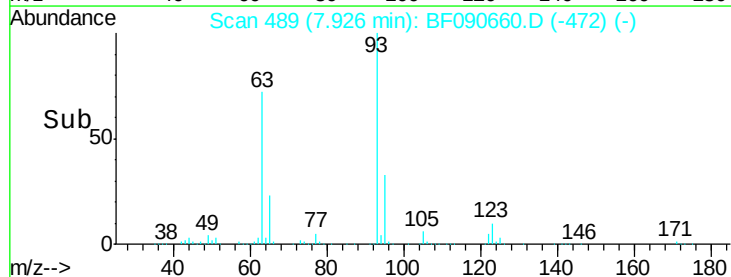
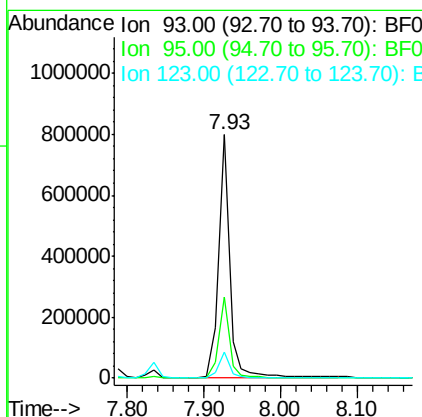
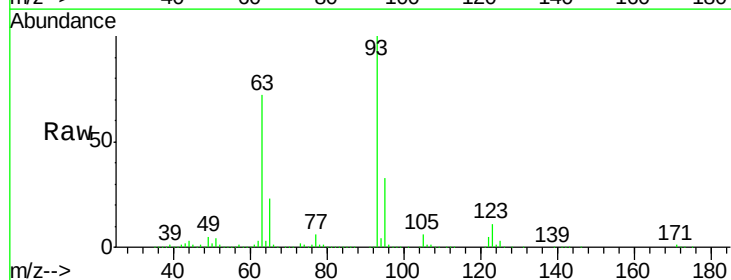
RT: 7.93 min Scan# 489

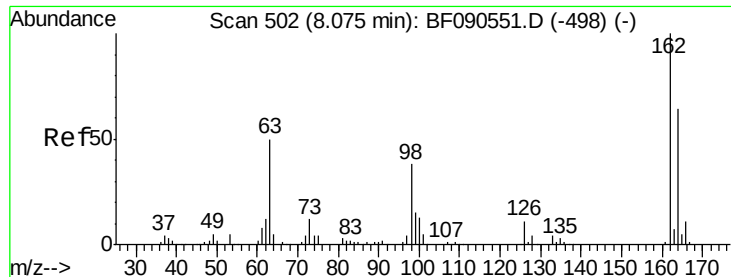
Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:	93	Resp:	815659
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.2
123	10.5	8.6	13.0





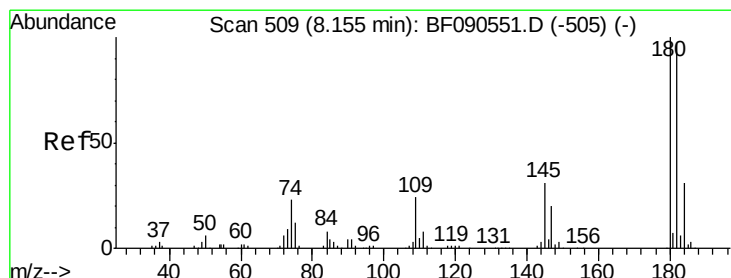
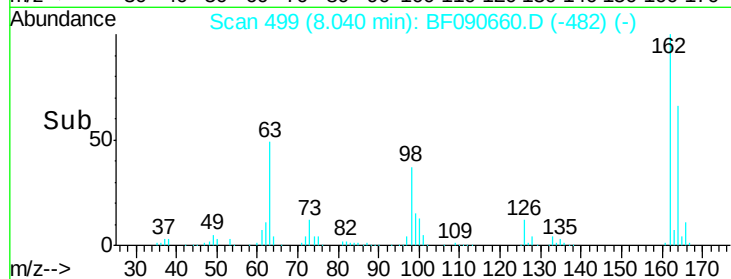
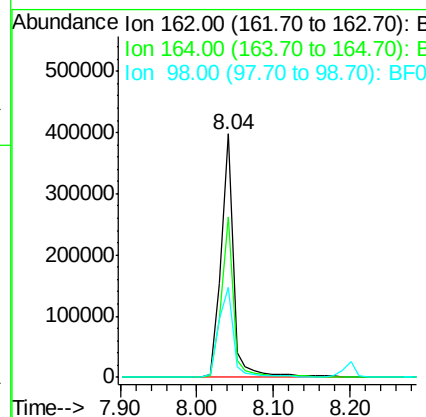
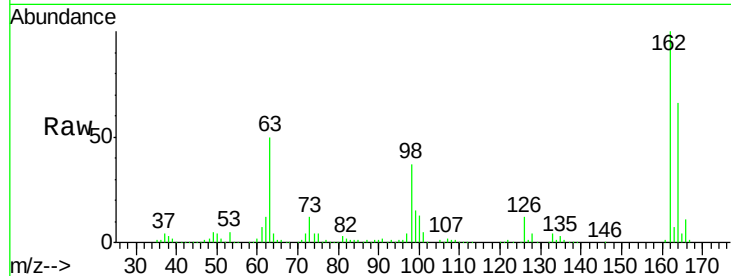
#29
2,4-Dichlorophenol
Concen: 36.34 ng
RT: 8.04 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.0	84.0
98	36.8	18.0	58.0

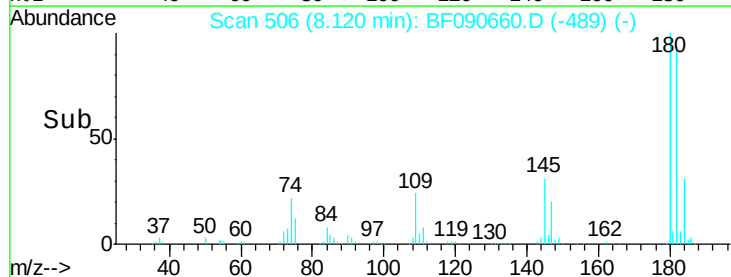
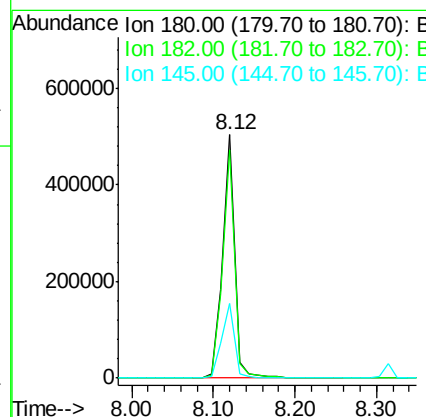
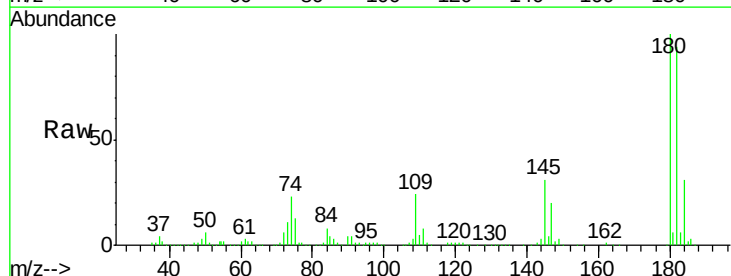
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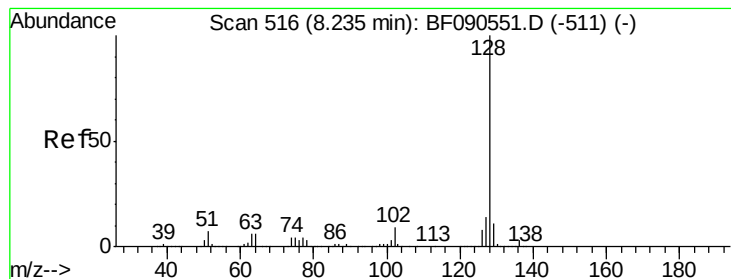
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#30
1,2,4-Trichlorobenzene
Concen: 35.46 ng
RT: 8.12 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.2	115.8
145	30.8	24.4	36.6





#31

Naphthalene

Concen: 35.60 ng

RT: 8.20 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

ClientSampleId :

101816-03MS

Tot Ion:128 Resp: 1860466

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

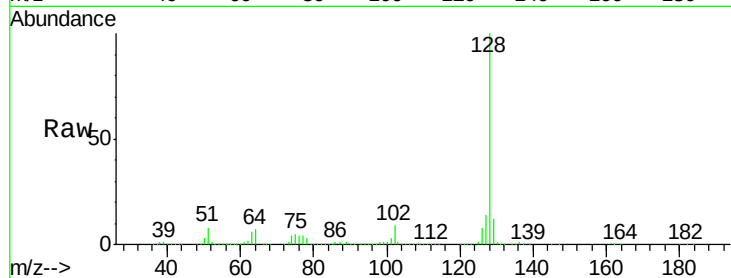
127 13.7 10.8 16.2

Manual Integrations

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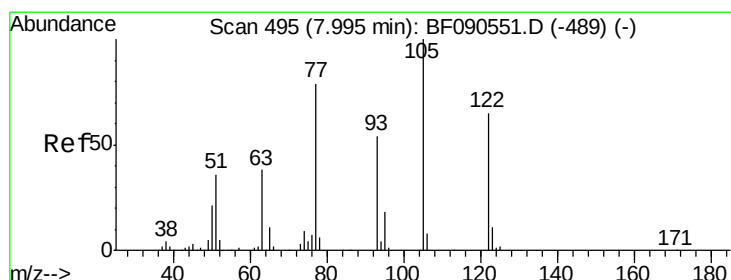
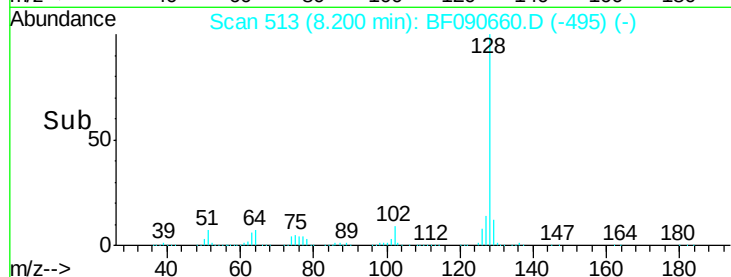
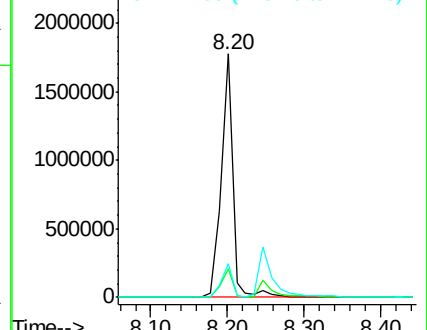
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.77 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

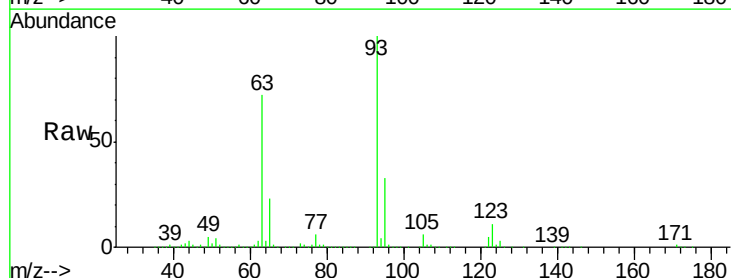
Tgt Ion:122 Resp: 103159

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

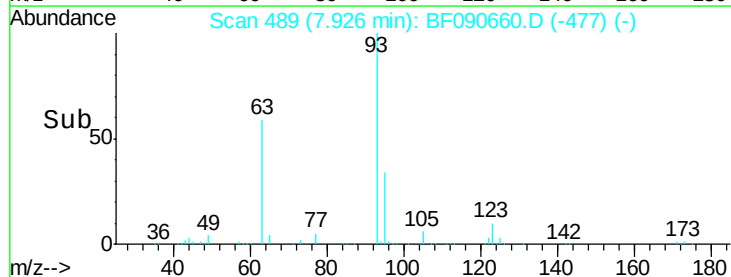
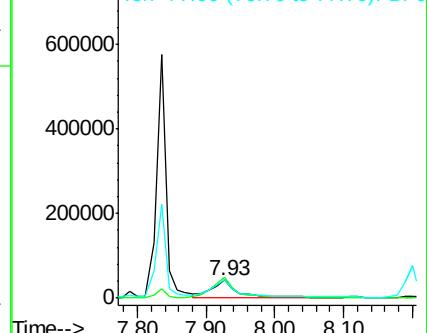
77 106.3 84.7 124.7

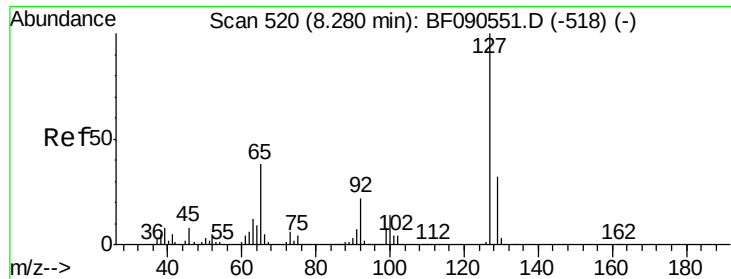


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





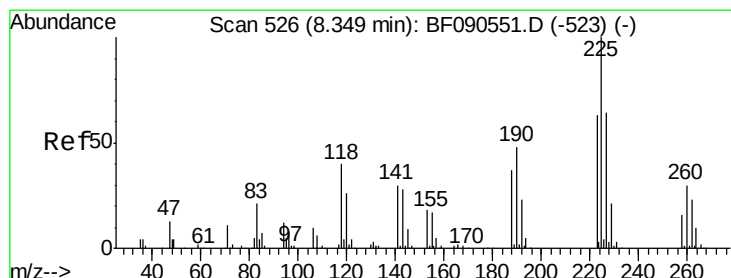
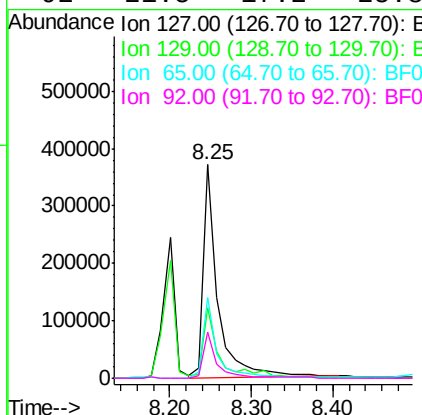
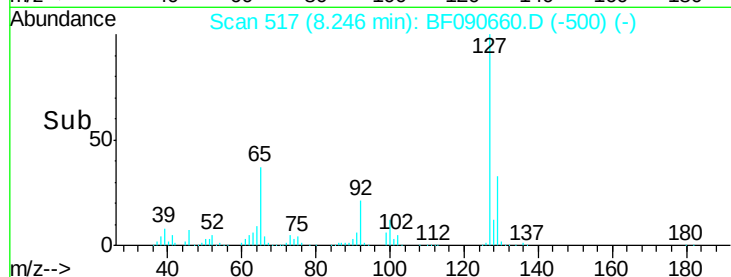
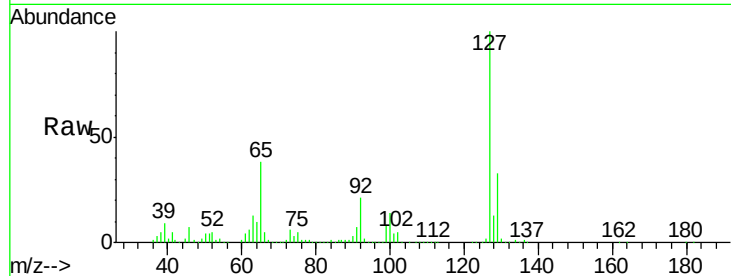
#33
4-Chloroaniline
Concen: 23.35 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		466306		
129	32.9	26.2	39.2		
65	37.7	30.1	45.1		
92	21.5	17.2	25.8		

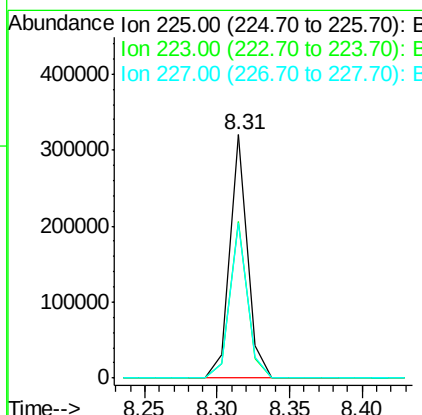
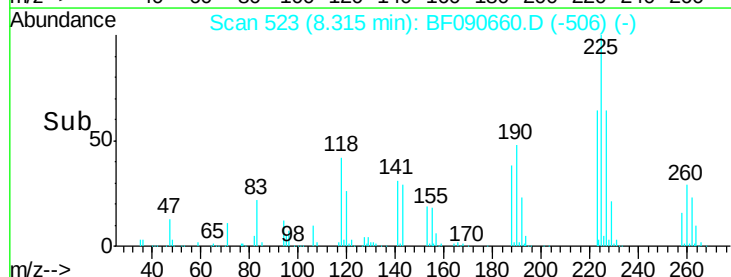
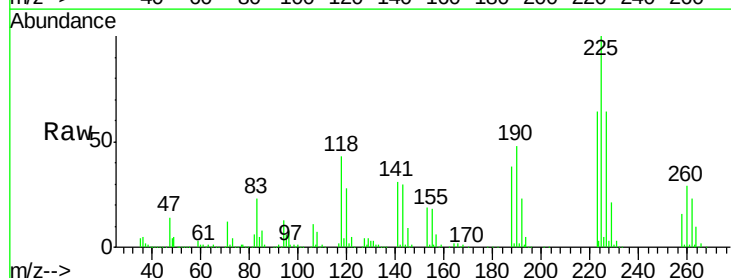
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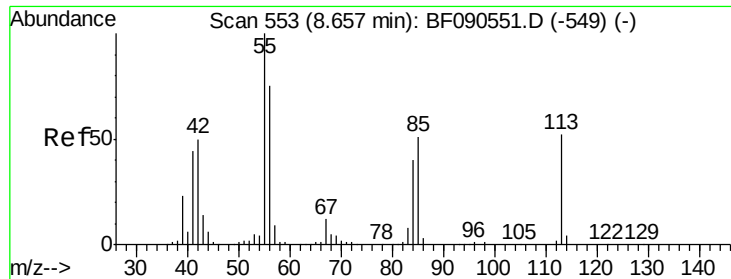
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#34
Hexachlorobutadiene
Concen: 33.10 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		270737		
223	64.1	50.6	76.0		
227	63.7	51.4	77.2		





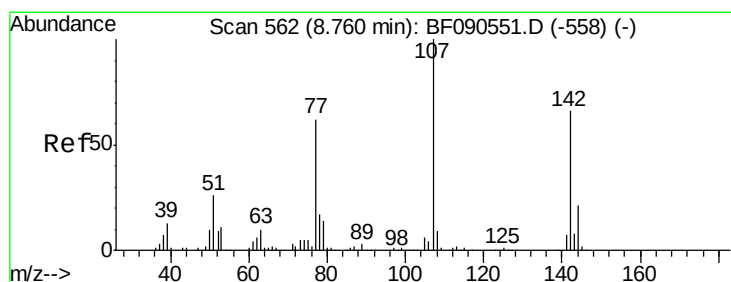
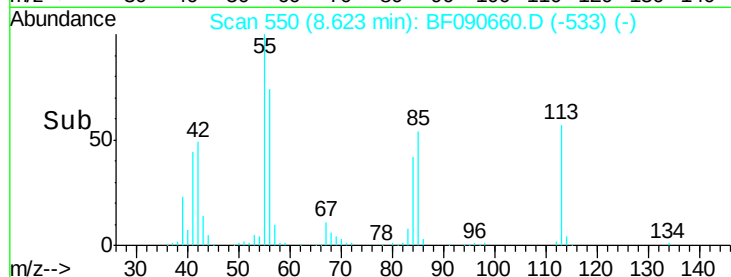
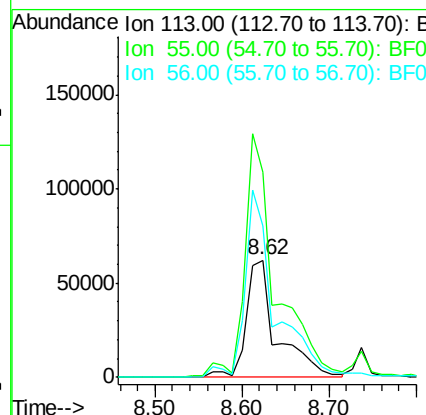
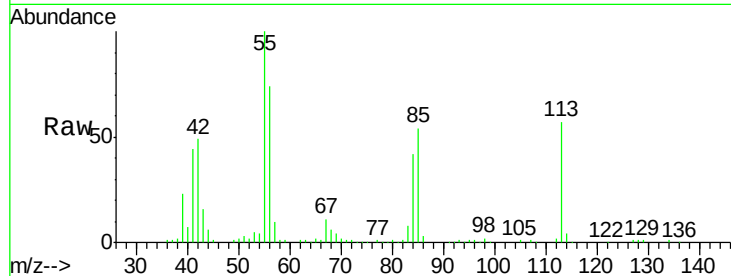
#35
 Caprolactam
 Concen: 43.95 ng
 RT: 8.62 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.2	170.8	210.8
56	128.9	122.4	162.4

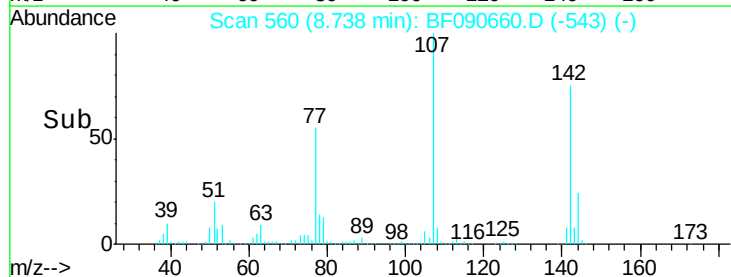
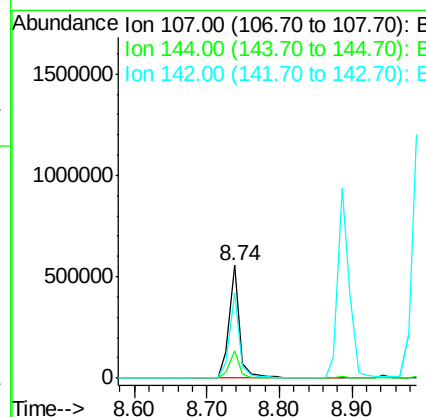
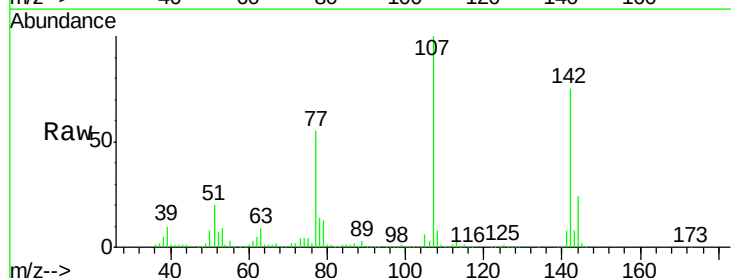
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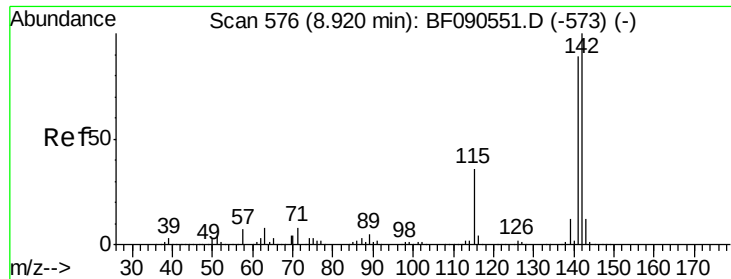
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#36
 4-Chloro-3-methylphenol
 Concen: 39.22 ng
 RT: 8.74 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	16.9	25.3
142	75.1	52.5	78.7





#37

2-Methylnaphthalene

Concen: 33.43 ng

RT: 8.89 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

ClientSampleId :

101816-03MS

Tot Ion:142 Resp: 1025996

Ion Ratio Lower Upper

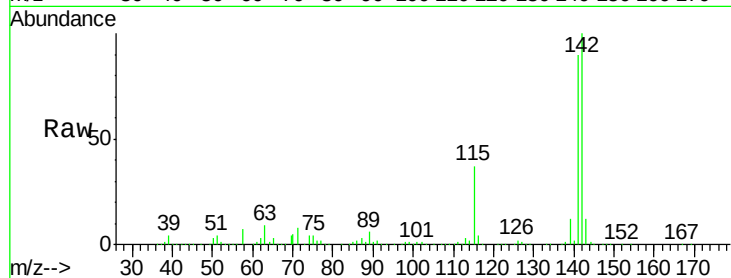
142 100

141 89.9 71.3 106.9

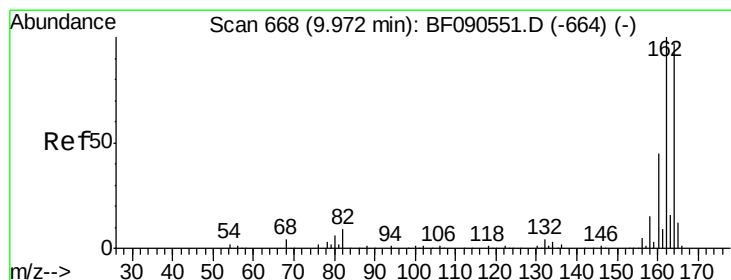
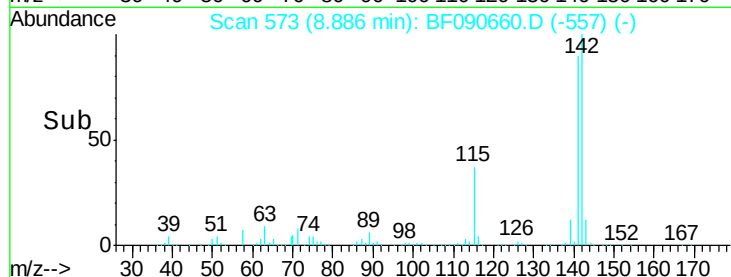
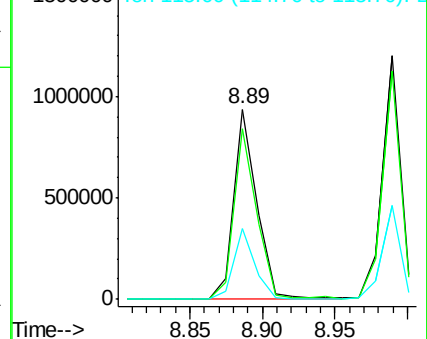
115 37.5 28.8 43.2

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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: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:164 Resp: 517744

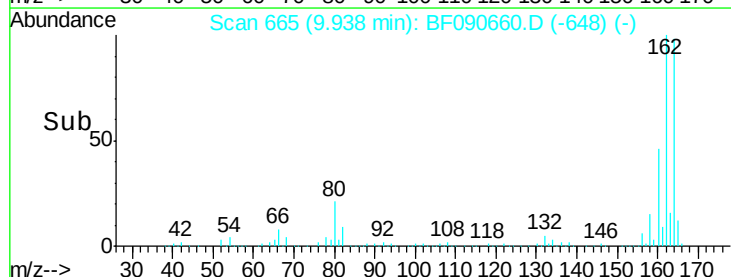
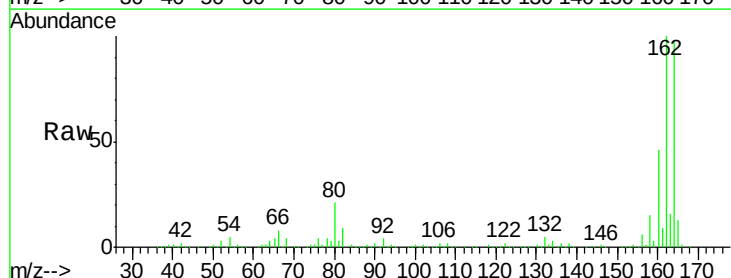
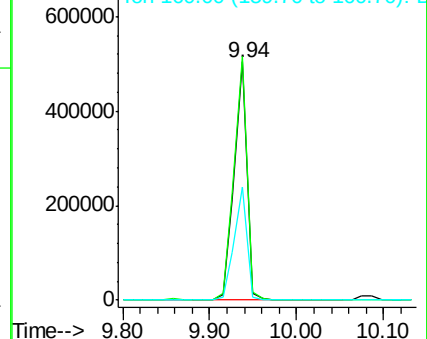
Ion Ratio Lower Upper

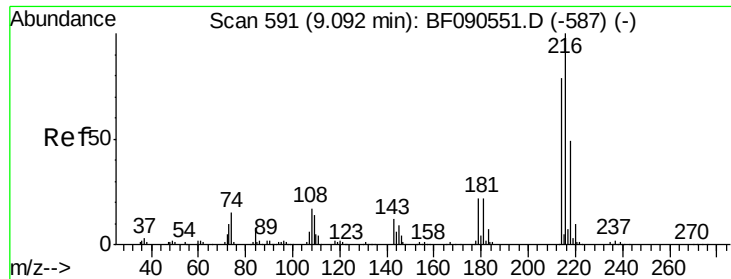
164 100

162 102.3 82.2 123.4

160 47.2 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: 36.15 ng

RT: 9.06 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

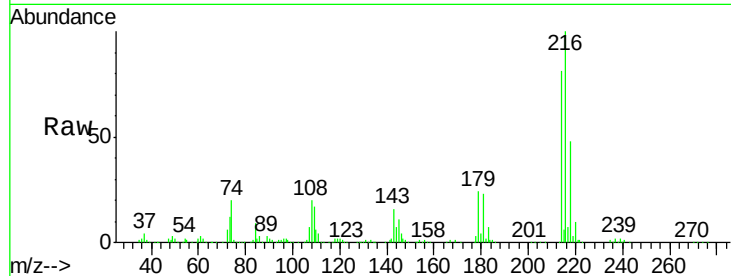
ClientSampleId :

101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	496276		
214	80.2	63.5	95.3	
179	24.3	18.9	28.3	
108	23.5	17.8	26.6	

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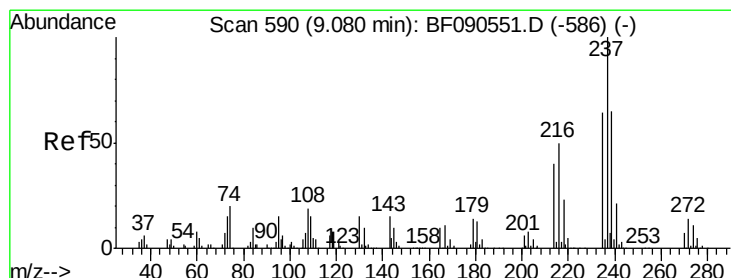
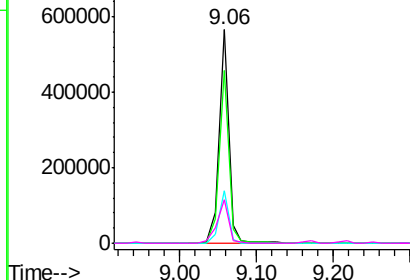
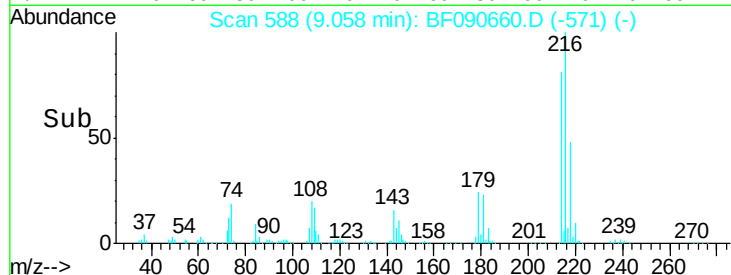


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.31 ng

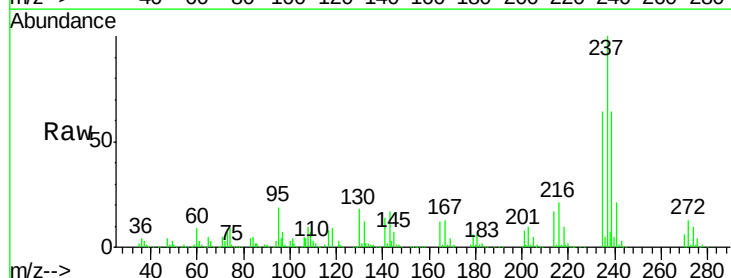
RT: 9.05 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

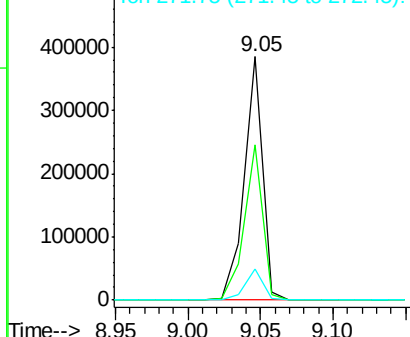
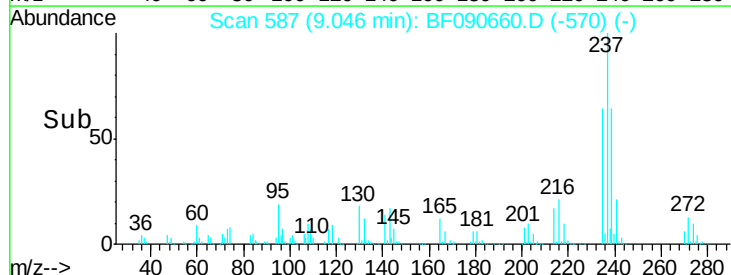
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	337351		
235	63.6	43.8	83.8	
272	12.7	0.0	33.7	

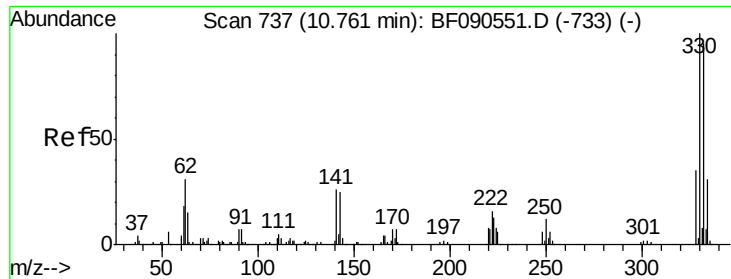


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





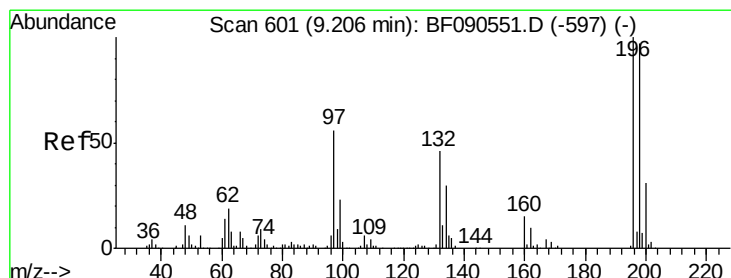
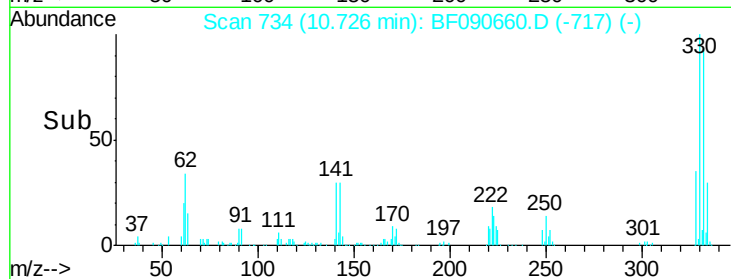
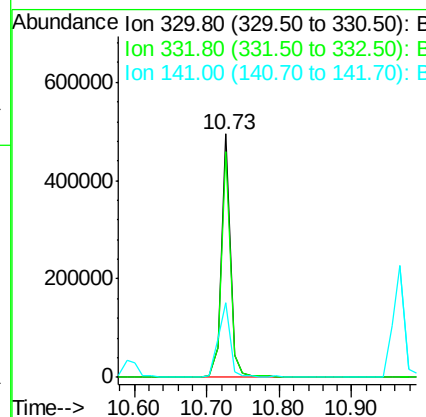
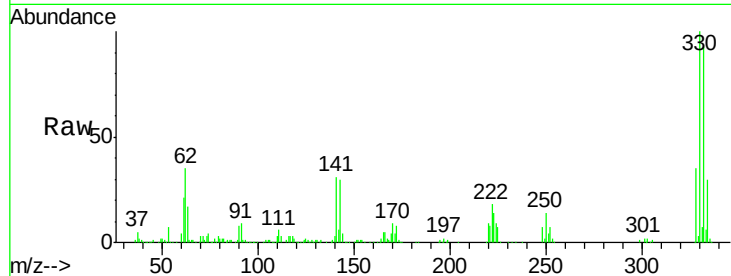
#41
 2,4,6-Tribromophenol
 Concen: 94.45 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	435960		
332	93.6	76.2	114.2	
141	39.2	31.4	47.2	

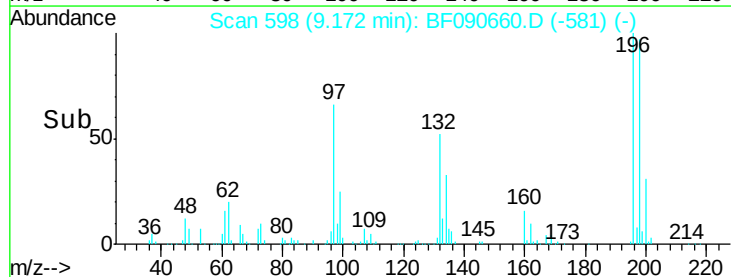
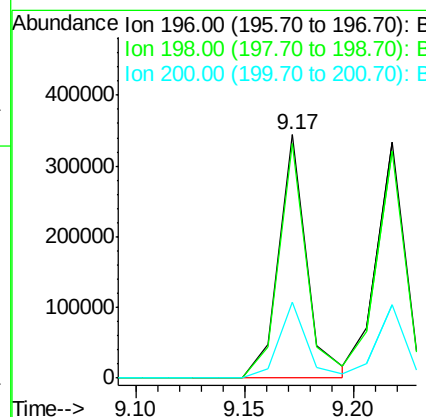
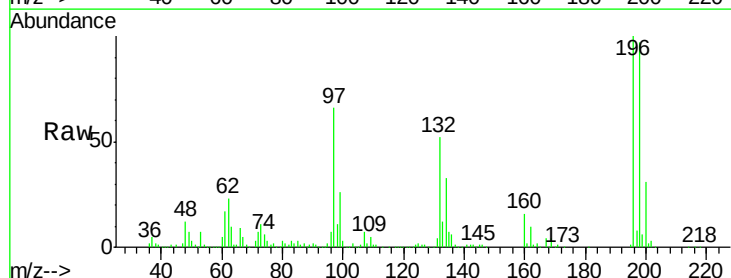
Manual Integrations
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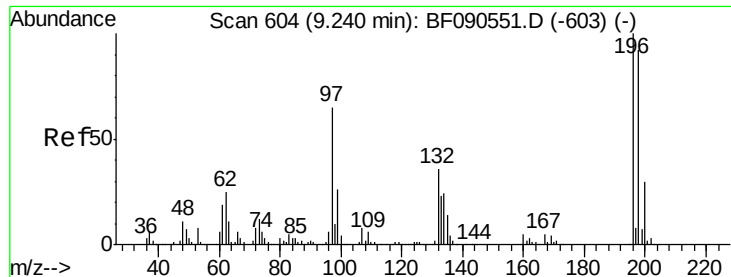
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#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312882		
198	96.6	77.9	116.9	
200	31.1	25.1	37.7	





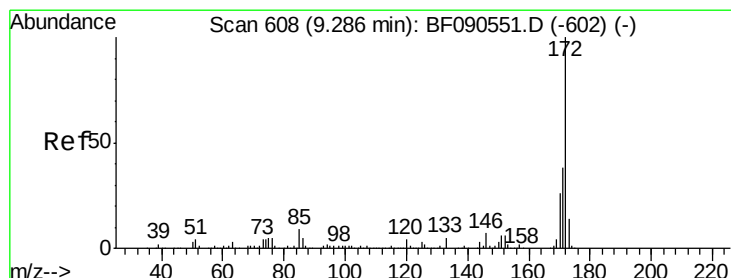
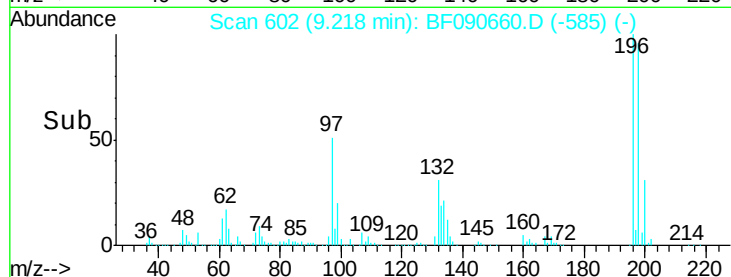
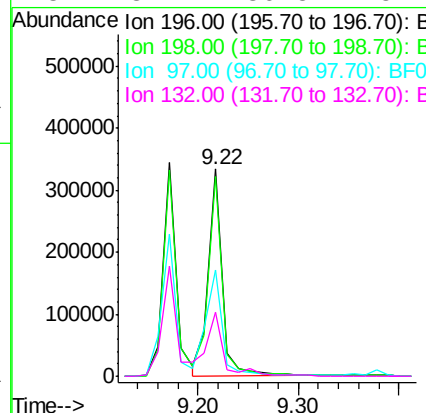
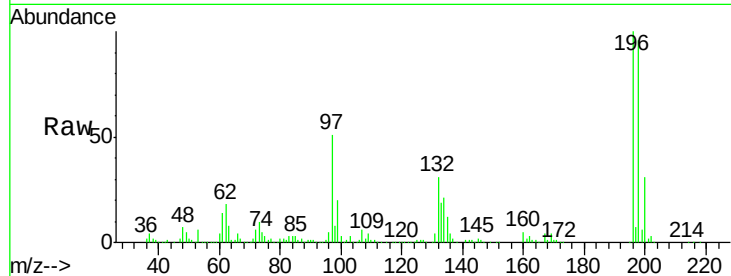
#43
 2,4,5-Trichlorophenol
 Concen: 35.09 ng
 RT: 9.22 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	324096		
198	96.2	74.0	111.0	
97	51.4	54.7	82.1	
132	31.1	30.5	45.7	

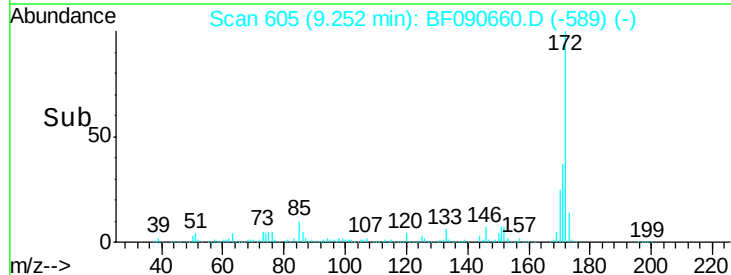
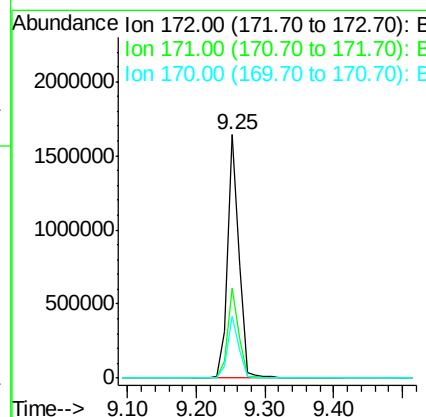
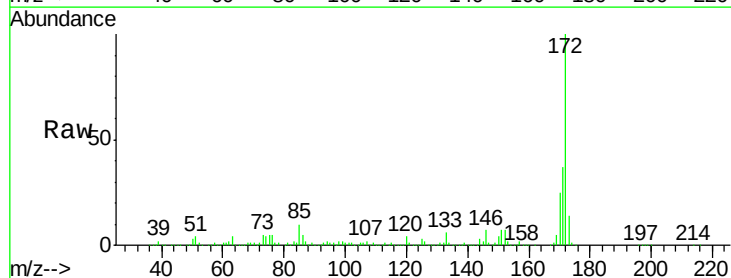
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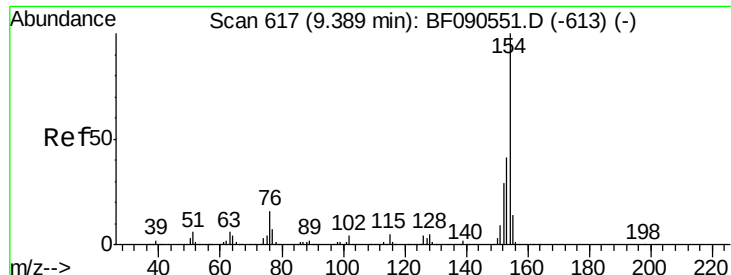
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#44
 2-Fluorobiphenyl
 Concen: 62.26 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1956381		
171	37.1	30.1	45.1	
170	25.4	20.6	30.8	





#45

1,1'-Biphenyl

Concen: 33.50 ng

RT: 9.35 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tot Ion:154 Resp: 1320045

Ion Ratio Lower Upper

154 100

153 42.0 21.5 61.5

76 17.6 0.0 36.0

Instrument :

BNA_F

ClientSampleId :

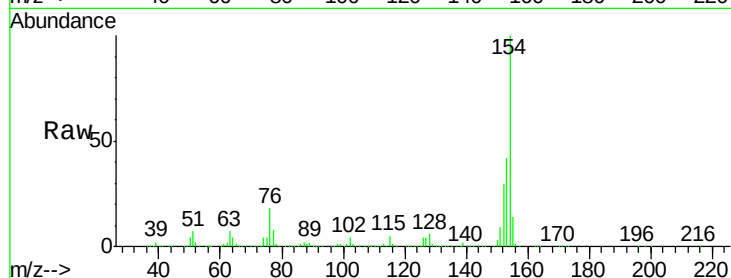
101816-03MS

Manual Integrations

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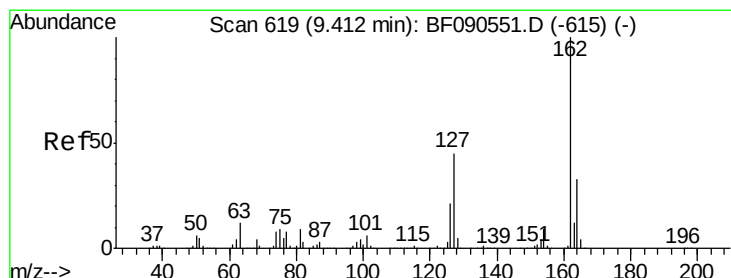
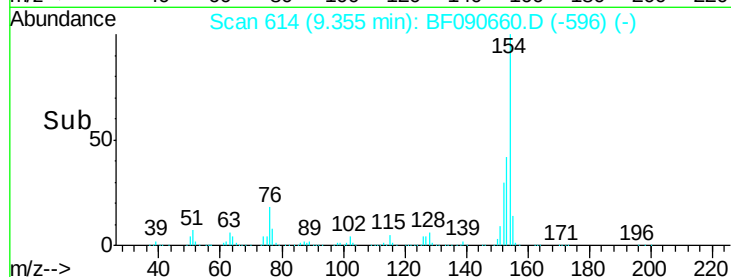
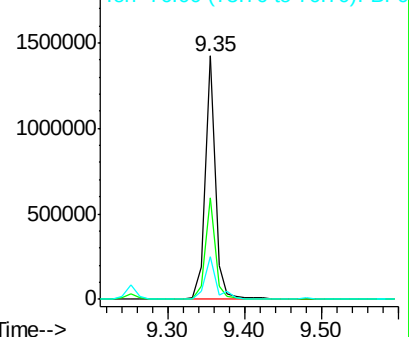
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.55 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

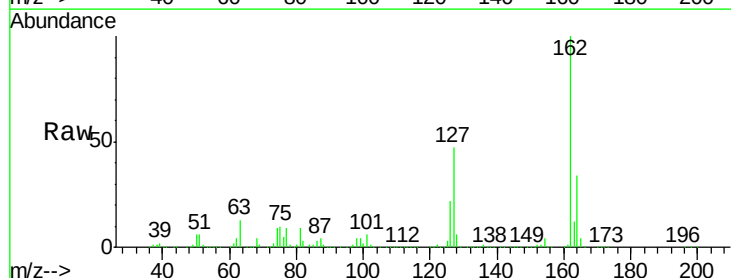
Tgt Ion:162 Resp: 1014965

Ion Ratio Lower Upper

162 100

127 47.2 35.9 53.9

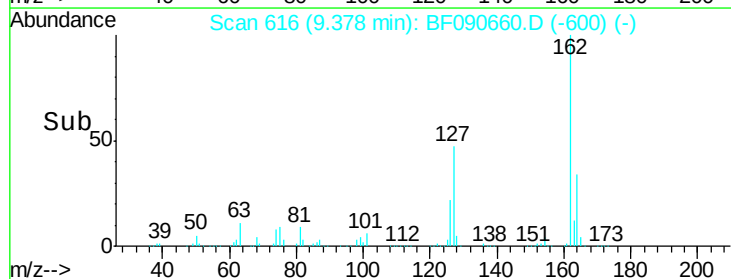
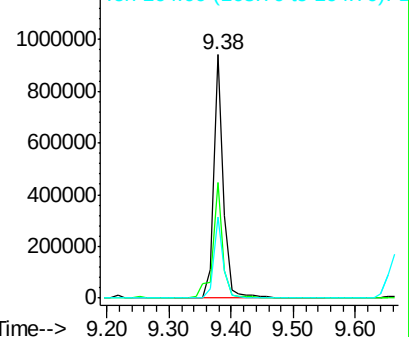
164 33.5 26.7 40.1

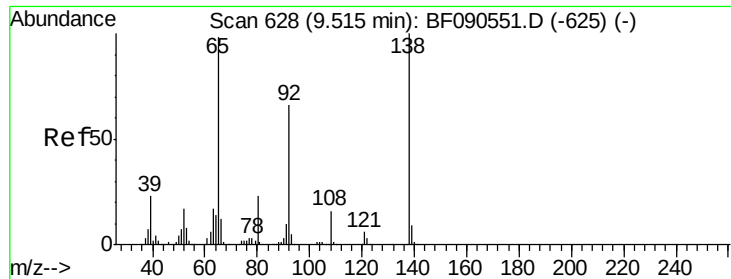


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





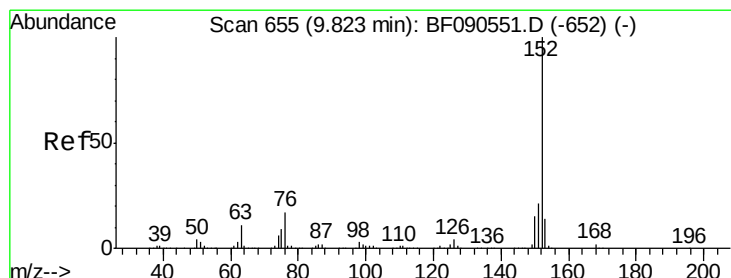
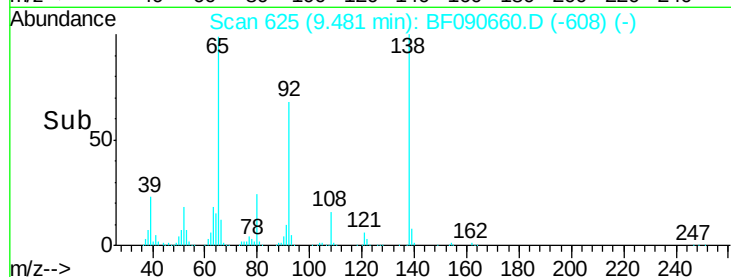
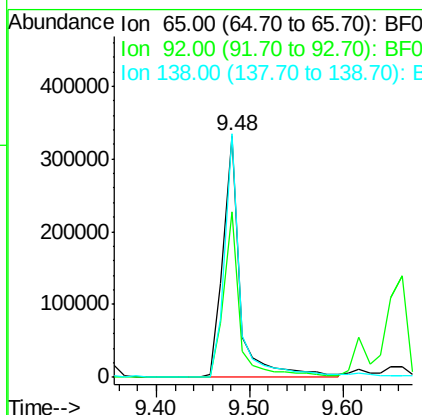
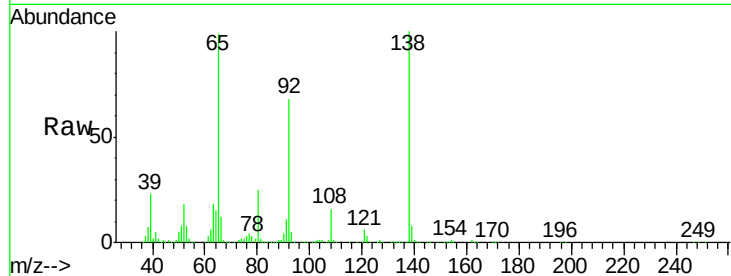
#47
2-Nitroaniline
Concen: 39.74 ng
RT: 9.48 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.3	81.5
138	100.8	81.7	122.5

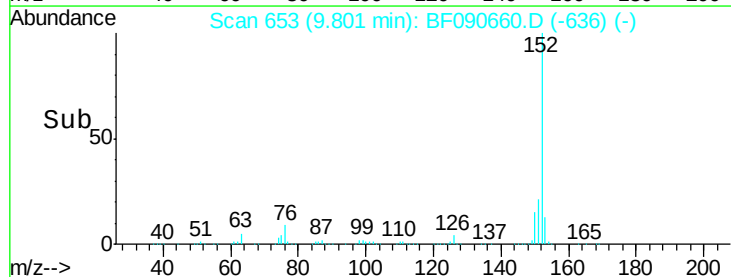
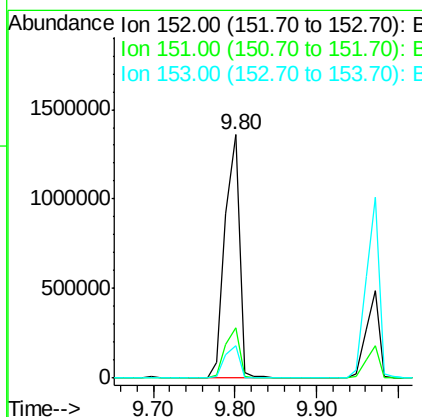
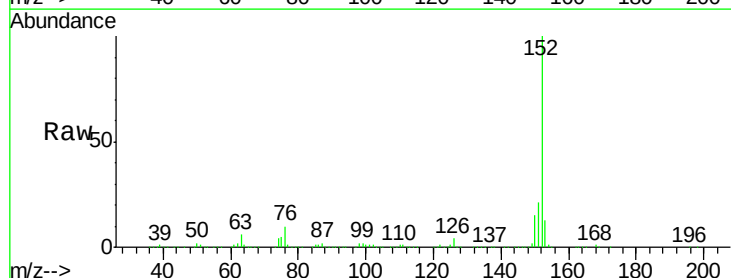
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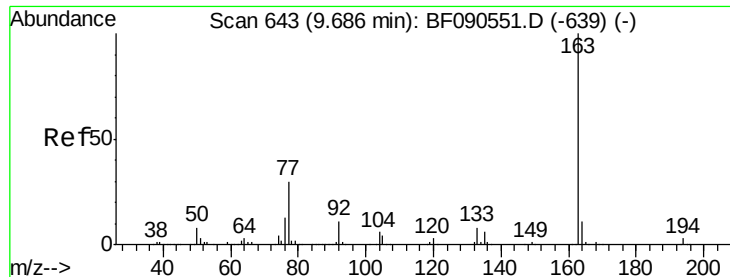
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#48
Acenaphthylene
Concen: 35.73 ng
RT: 9.80 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	13.2	11.3	16.9





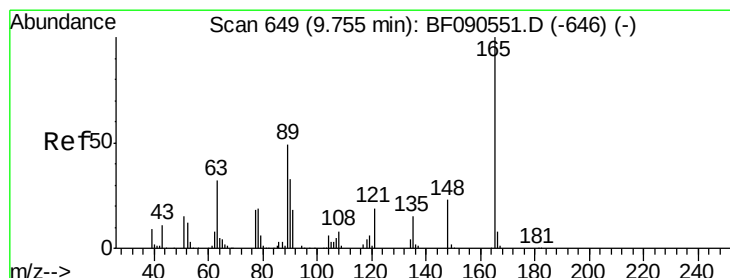
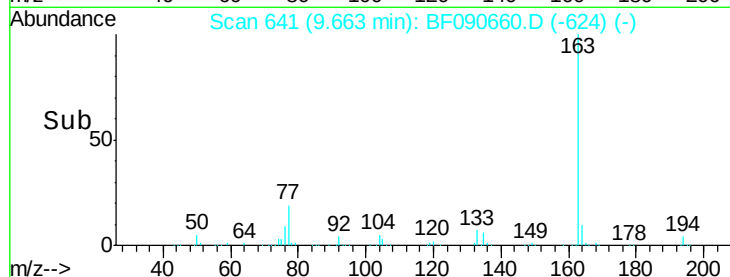
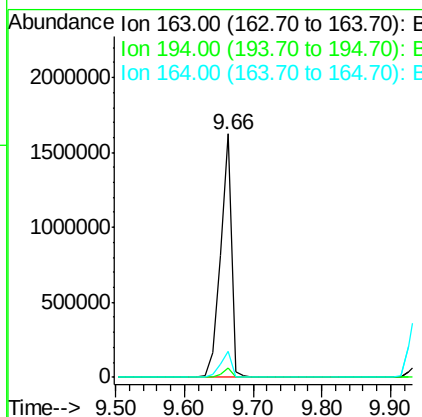
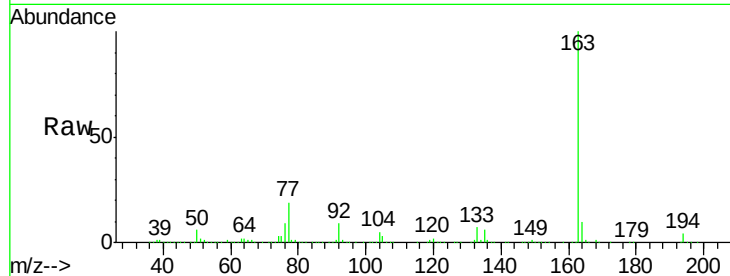
#49
Dimethylphthalate
Concen: 54.89 ng
RT: 9.66 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion:163 Resp: 1843753
Ion Ratio Lower Upper
163 100
194 3.8 2.3 3.5#
164 10.5 8.6 13.0

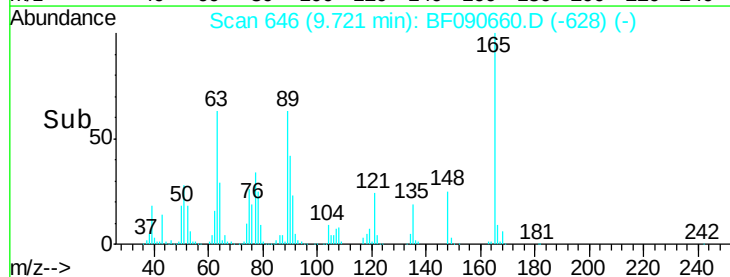
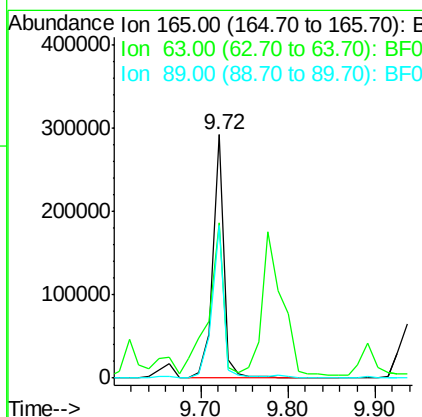
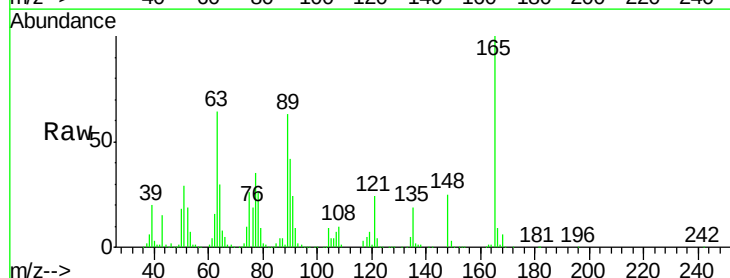
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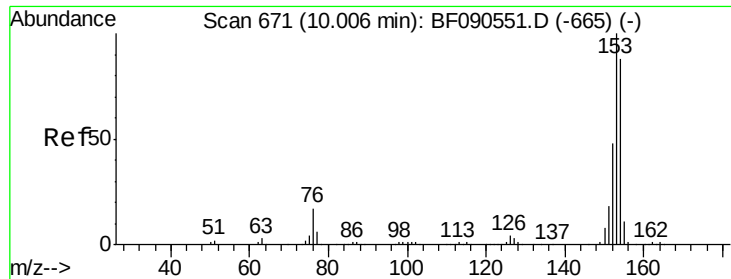
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#50
2,6-Dinitrotoluene
Concen: 35.87 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion:165 Resp: 263628
Ion Ratio Lower Upper
165 100
63 64.0 40.1 60.1#
89 63.0 39.5 59.3#





#51

Acenaphthene

Concen: 32.80 ng

RT: 9.97 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

ClientSampleId :

101816-03MS

Tot Ion:154 Resp: 1019973

Ion Ratio Lower Upper

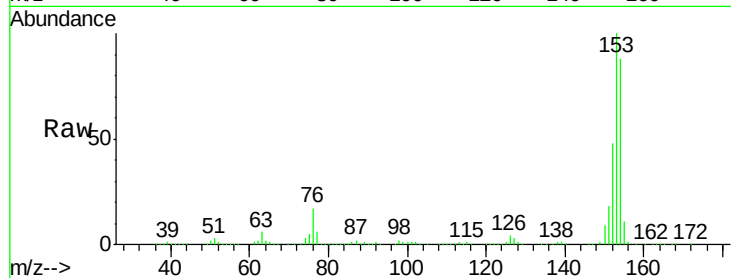
154 100

153 113.2 91.2 136.8

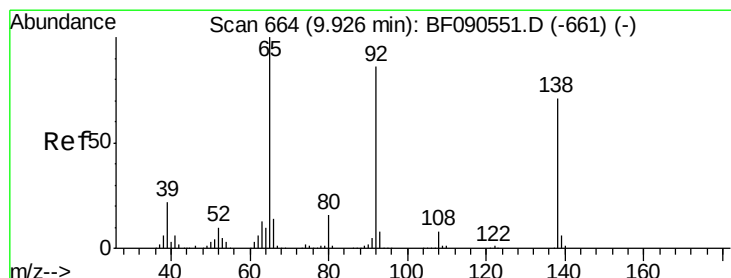
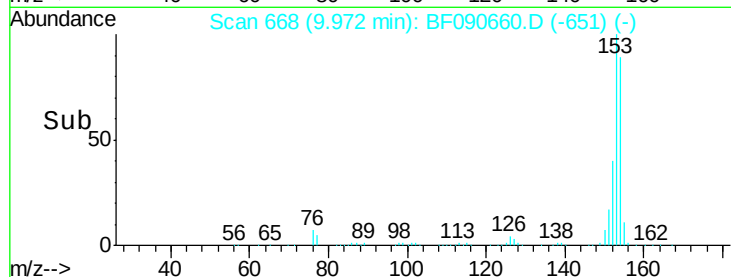
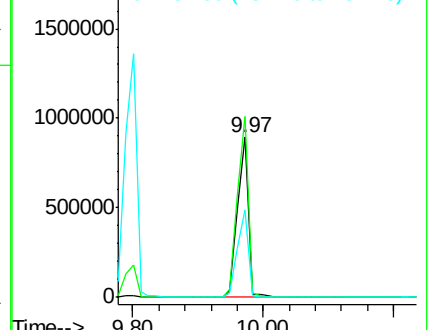
152 54.6 44.0 66.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.05 ng

RT: 9.89 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

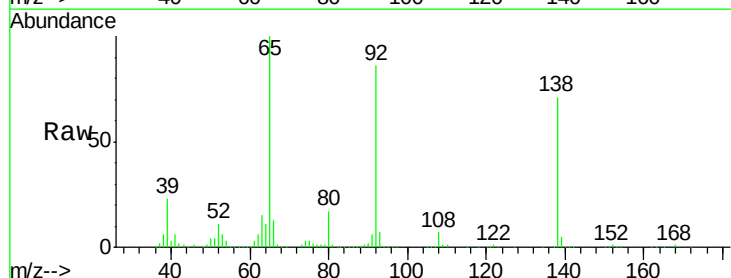
Tgt Ion:138 Resp: 267903

Ion Ratio Lower Upper

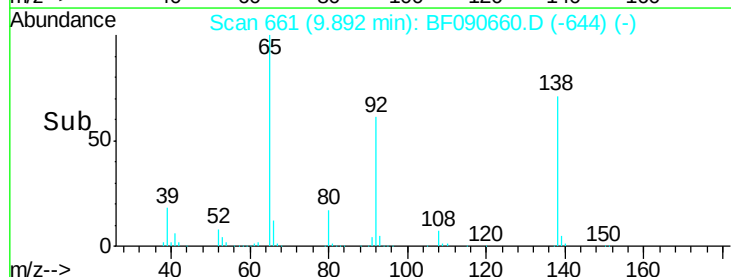
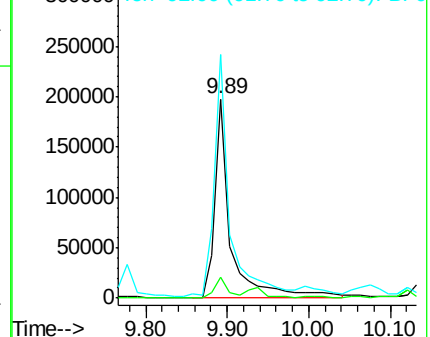
138 100

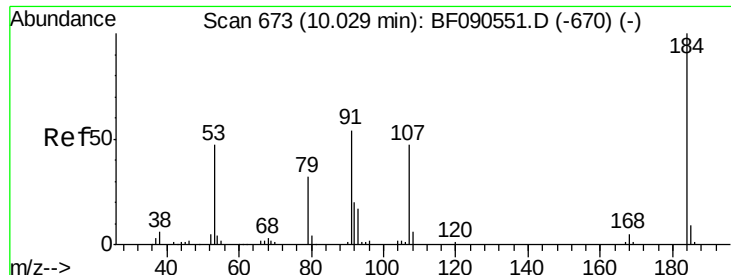
108 10.2 8.6 12.8

92 122.1 97.8 146.8



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





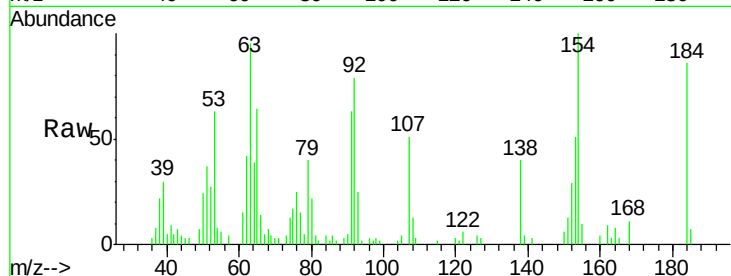
#53
 2,4-Dinitrophenol
 Concen: 11.81 ng
 RT: 9.99 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

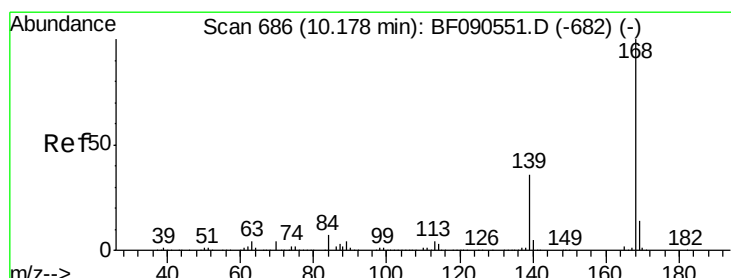
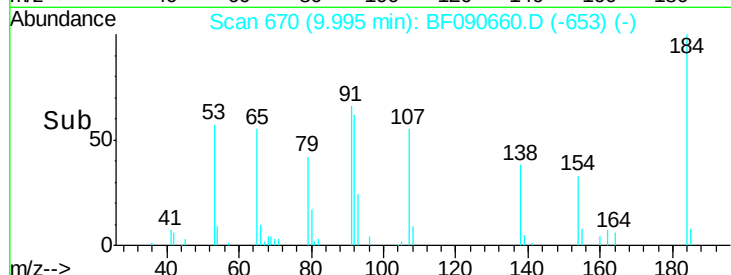
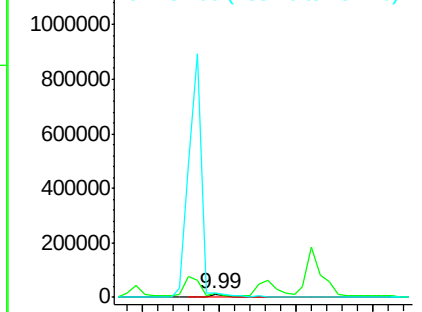
Tot Ion	Ratio	Lower	Upper
184	100		
63	110.7	60.2	90.2#
154	116.0	86.1	129.1

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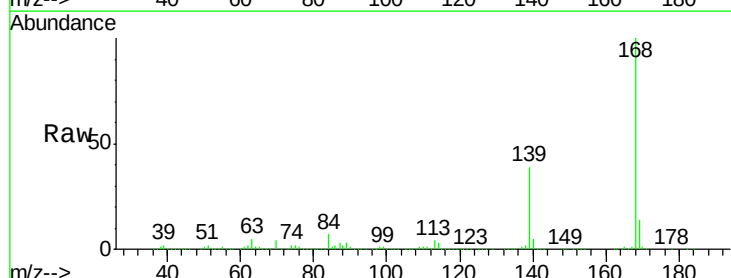


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

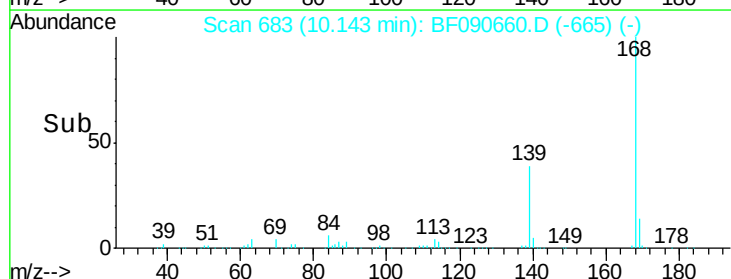
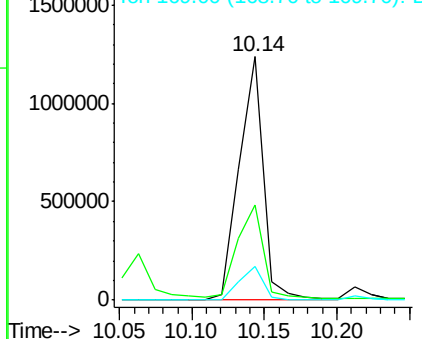


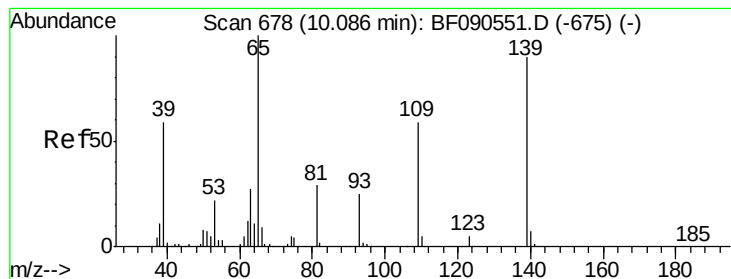
#54
 Dibenzofuran
 Concen: 35.05 ng
 RT: 10.14 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.5	45.7
169	13.6	10.9	16.3



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





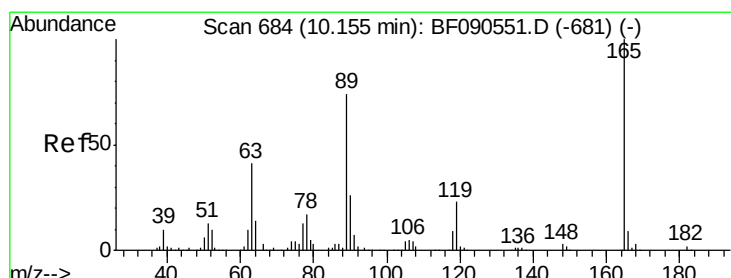
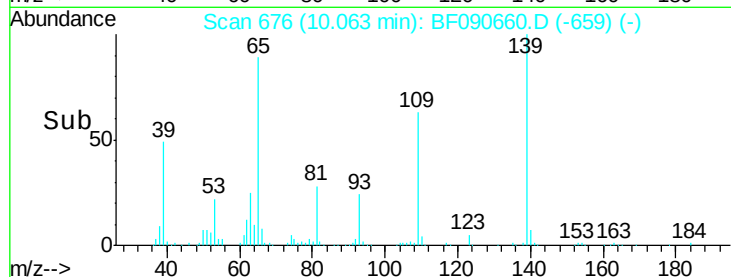
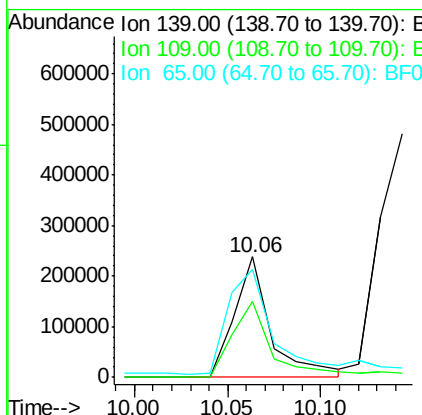
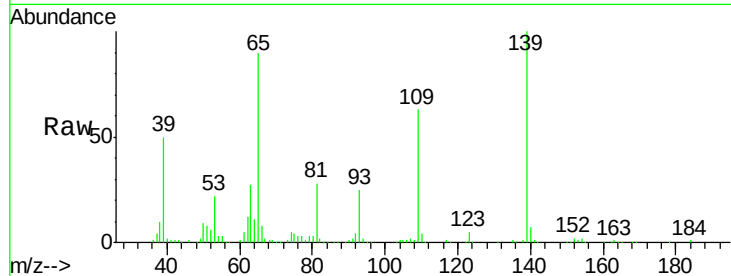
#55
4-Nitrophenol
Concen: 58.57 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.5	45.9	85.9	
65	89.9	95.8	135.8	

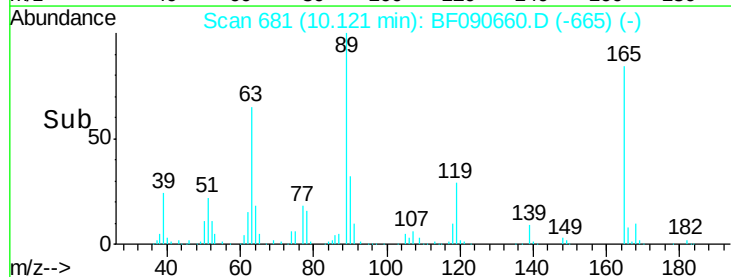
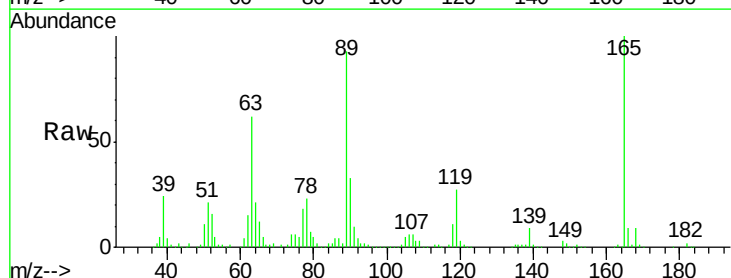
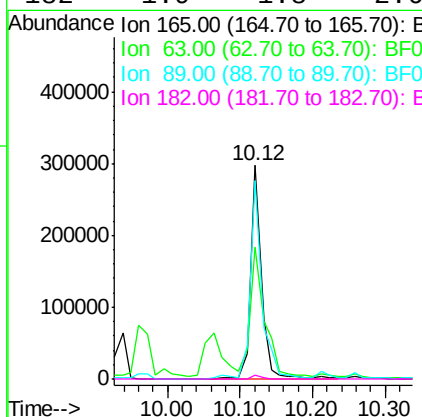
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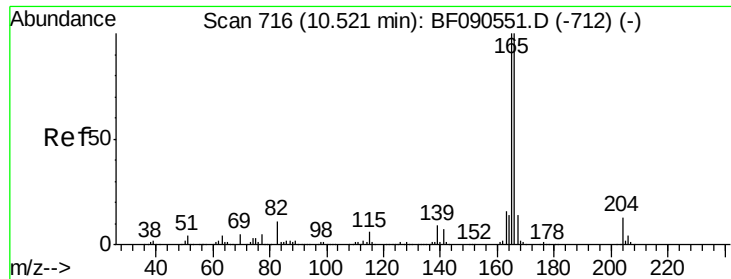
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#56
2,4-Dinitrotoluene
Concen: 31.34 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.6	35.4	53.0	
89	93.2	59.0	88.4	
182	1.9	1.8	2.6	





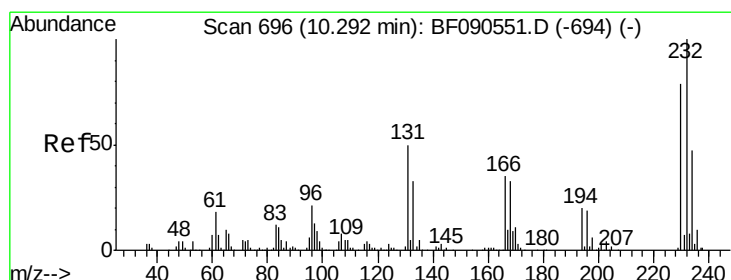
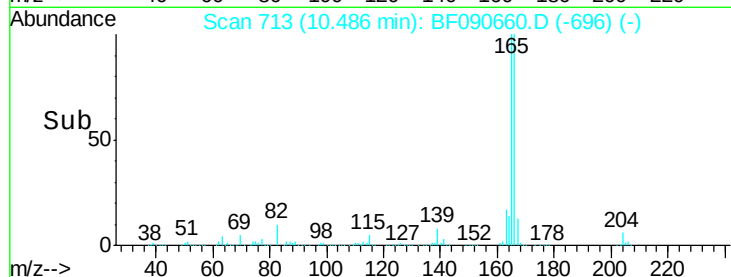
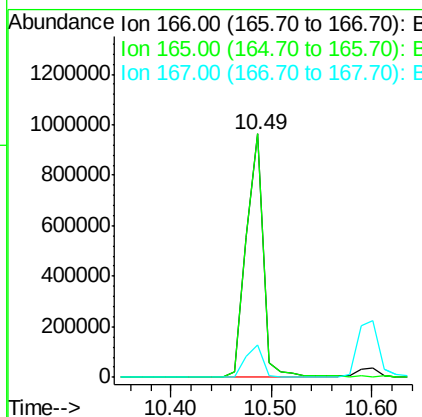
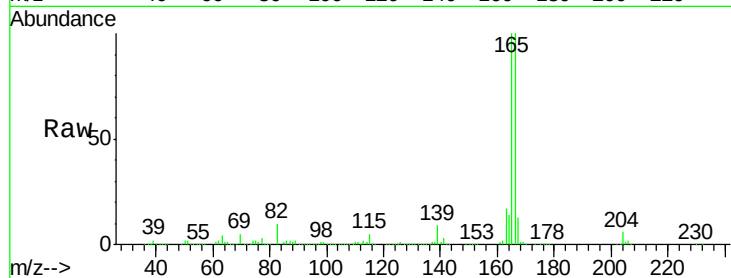
#57
 Fluorene
 Concen: 33.68 ng
 RT: 10.49 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion:166 Resp: 1136177
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.9 119.9
 167 13.4 10.9 16.3

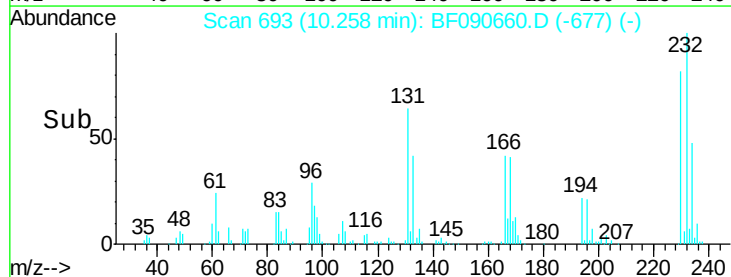
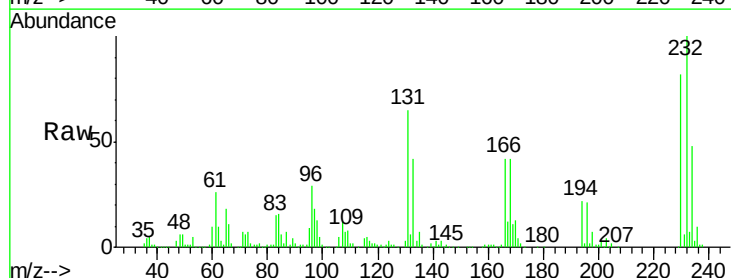
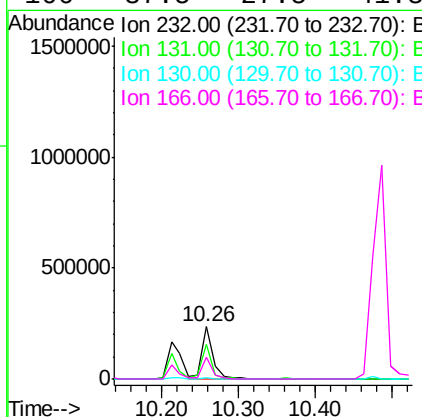
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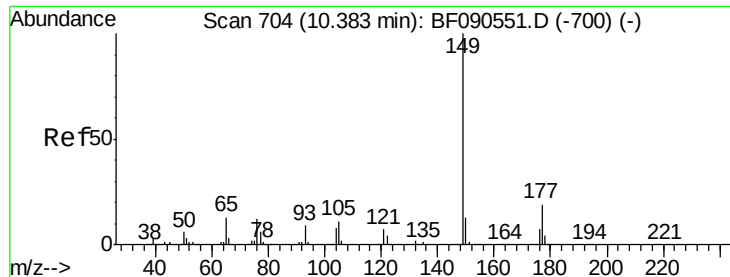
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.03 ng
 RT: 10.26 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion:232 Resp: 231033
 Ion Ratio Lower Upper
 232 100
 131 58.6 42.6 64.0
 130 3.0 1.8 2.8#
 166 37.5 27.5 41.3





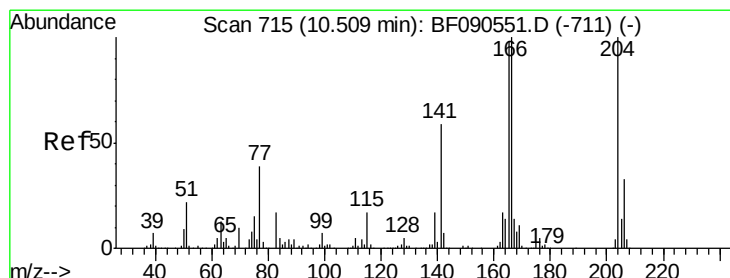
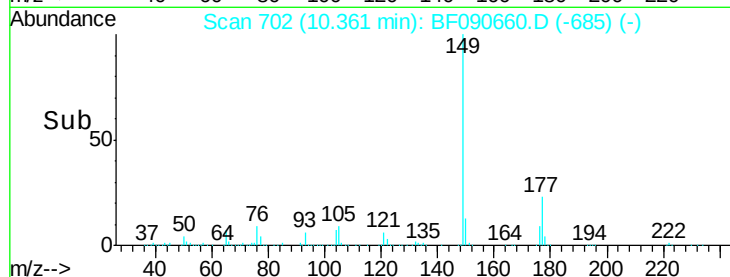
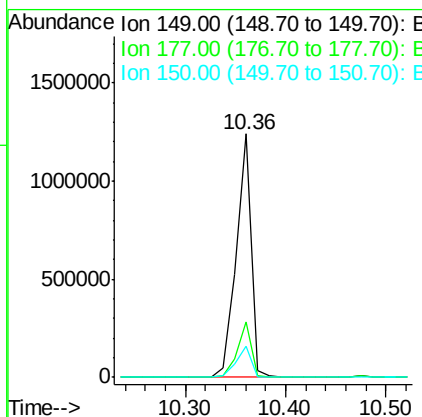
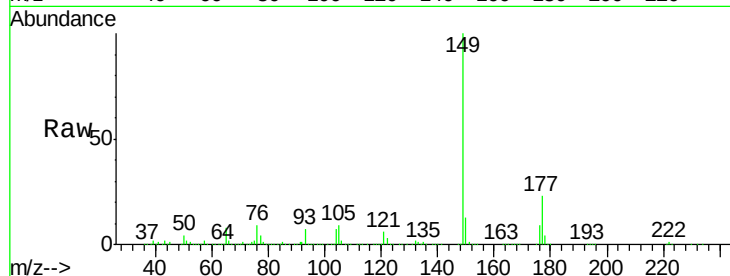
#59
Diethylphthalate
Concen: 37.59 ng
RT: 10.36 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion:149 Resp: 1280524
Ion Ratio Lower Upper
149 100
177 22.7 15.3 22.9
150 12.5 10.3 15.5

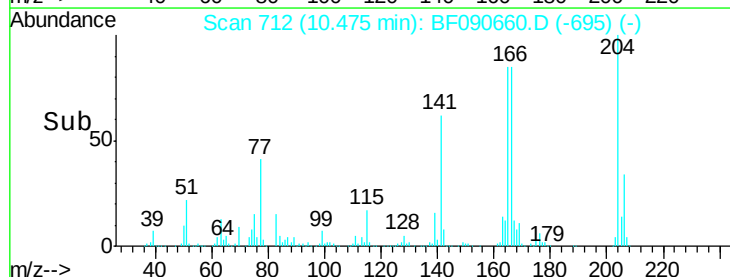
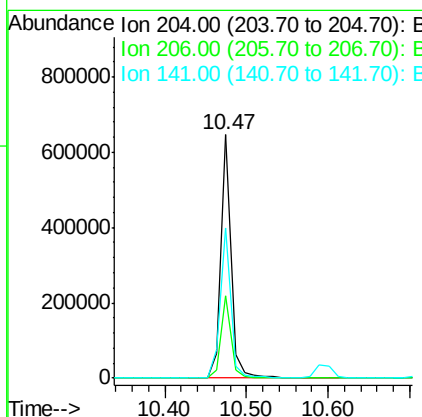
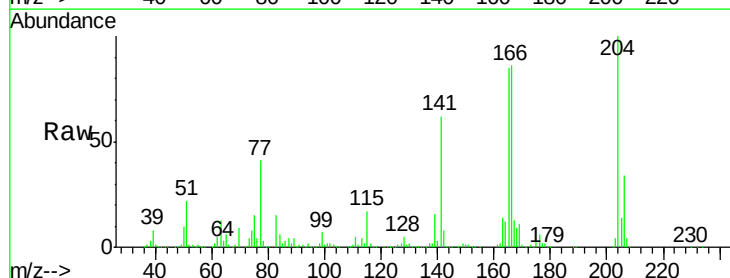
Manual Integrations
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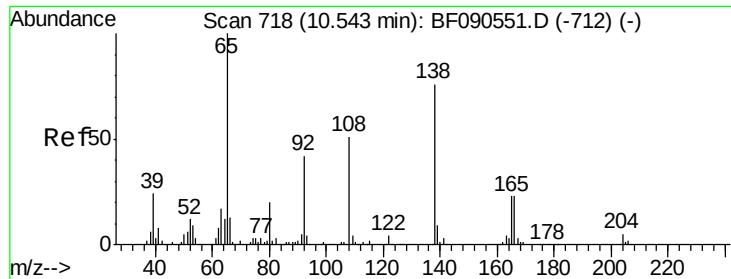
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 35.09 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion:204 Resp: 558050
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 61.9 47.2 70.8





#61

4-Nitroaniline

Concen: 30.01 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

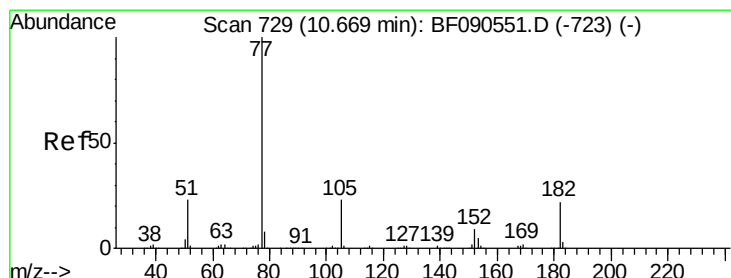
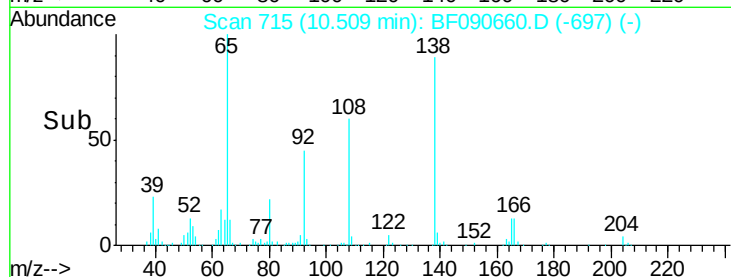
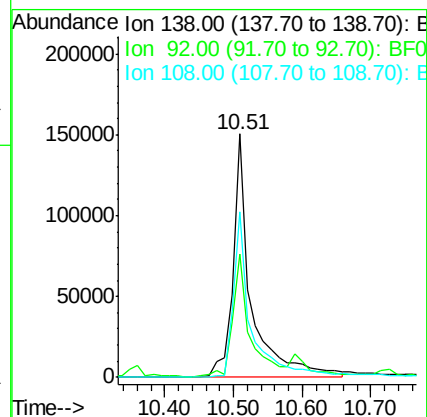
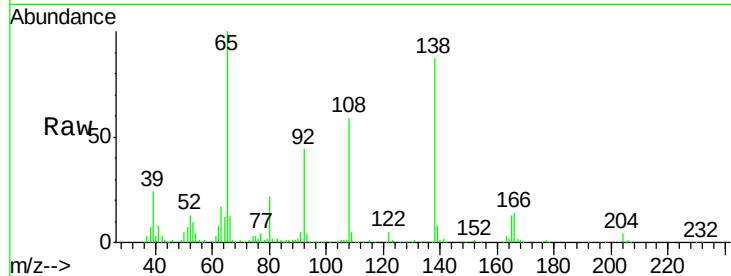
ClientSampleId :

101816-03MS

Tot Ion:	138	Resp:	277518
Ion Ratio	Lower	Upper	
138	100		
92	50.9	35.7	75.7
108	68.1	46.9	86.9

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#62

Azobenzene

Concen: 38.87 ng

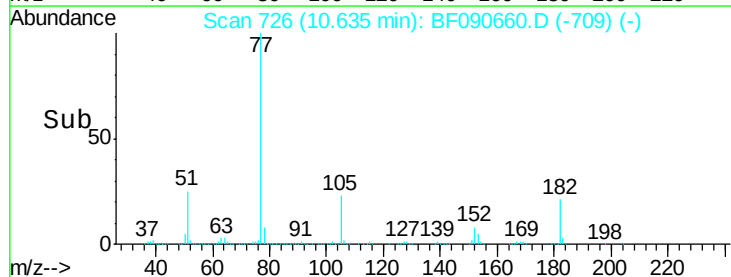
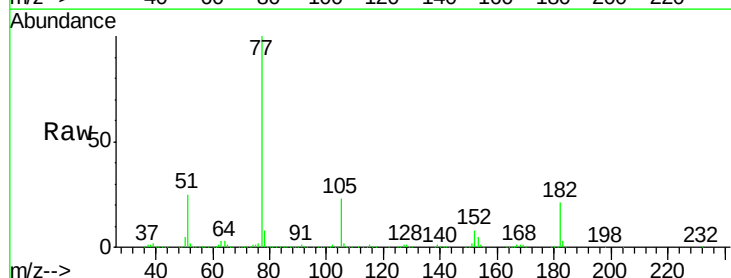
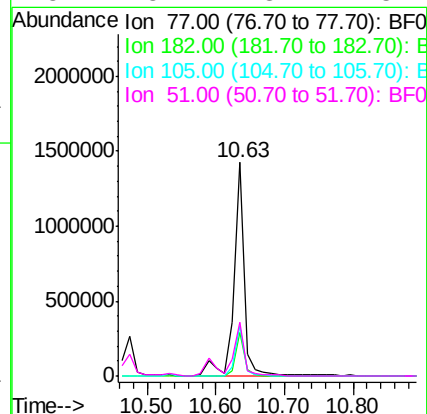
RT: 10.63 min Scan# 726

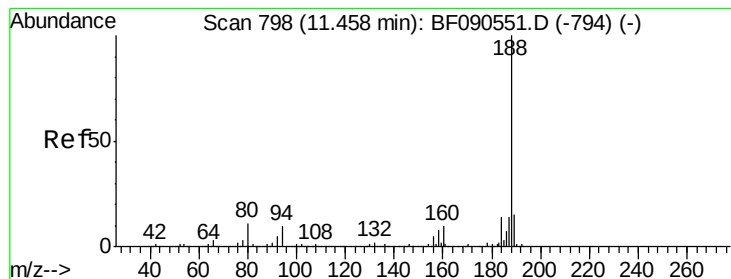
Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:	77	Resp:	1531667
Ion Ratio	Lower	Upper	
77	100		
182	20.6	2.2	42.2
105	23.5	3.5	43.5
51	25.1	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: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

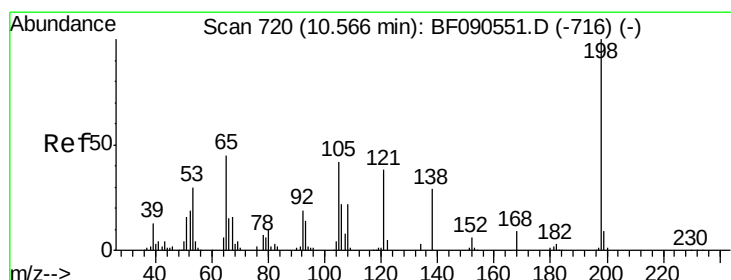
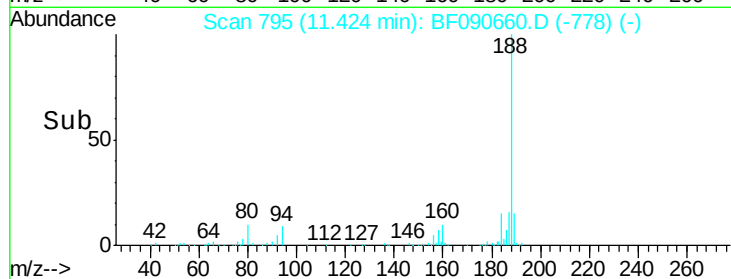
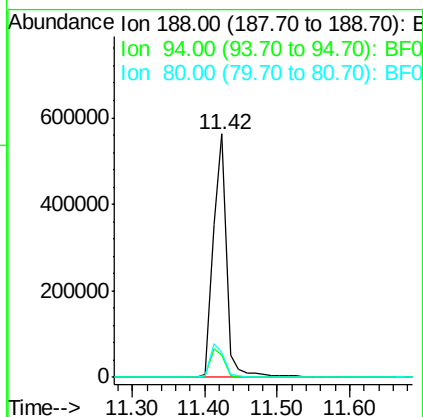
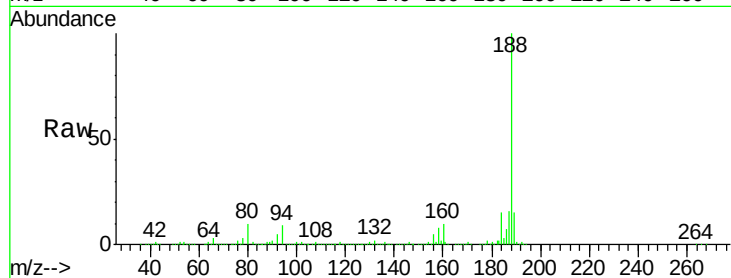
ClientSampleId :

101816-03MS

Tot Ion:	188	Resp:	718736
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.7	11.5
80	10.0	8.6	12.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 6.33 ng

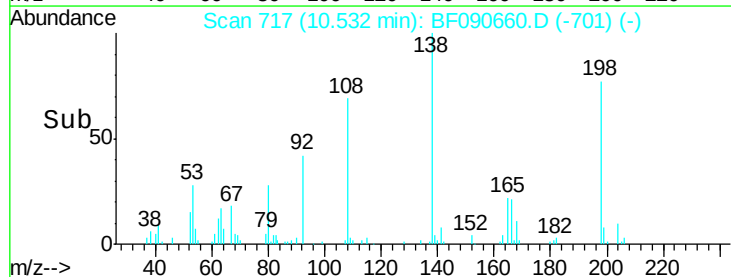
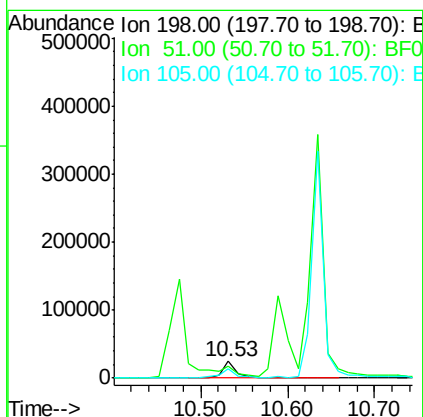
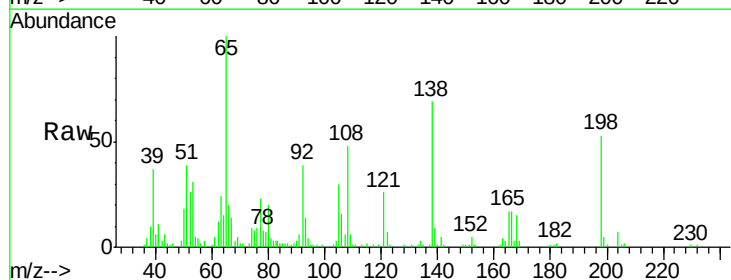
RT: 10.53 min Scan# 717

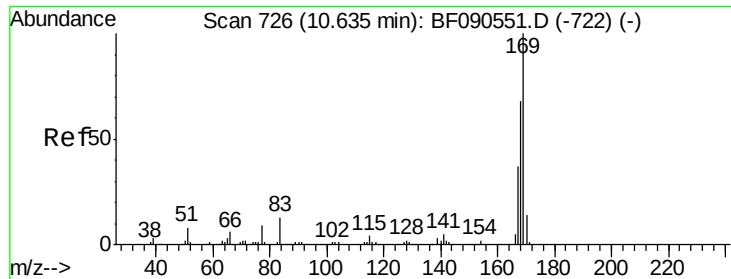
Delta R.T. -0.01 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:	198	Resp:	27540
Ion Ratio	Lower	Upper	
198	100		
51	73.2	19.7	59.7#
105	56.0	22.6	62.6





#65

n-Nitrosodiphenylamine

Concen: 38.49 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

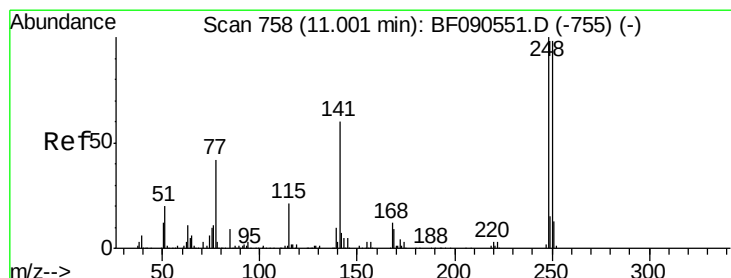
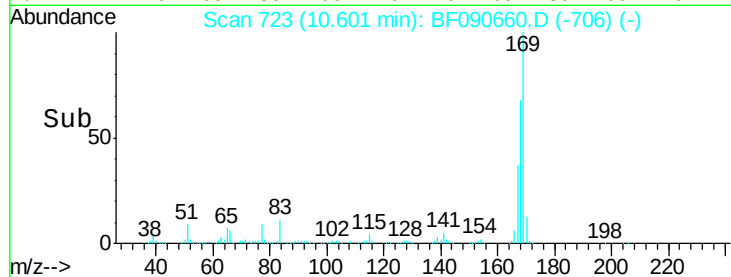
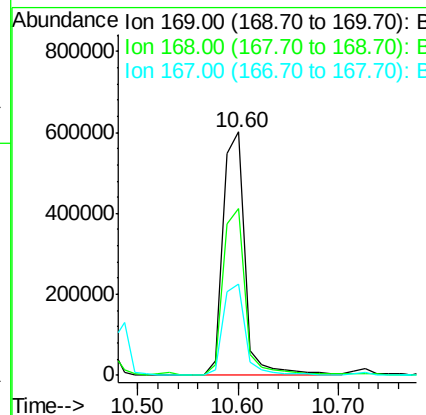
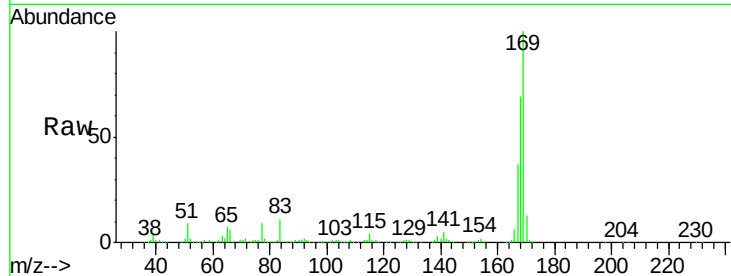
ClientSampleId :

101816-03MS

Tot Ion:	169	Resp:	913900
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.6	81.8
167	37.3	29.8	44.8

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#66

4-Bromophenyl-phenylether

Concen: 37.15 ng

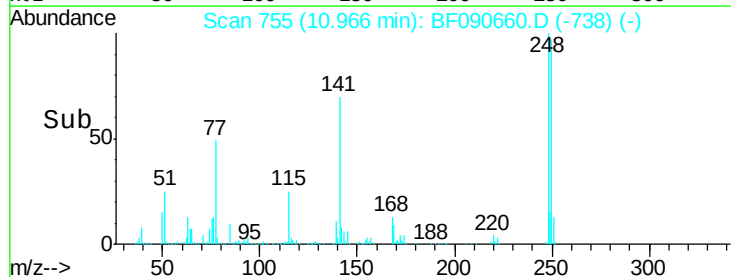
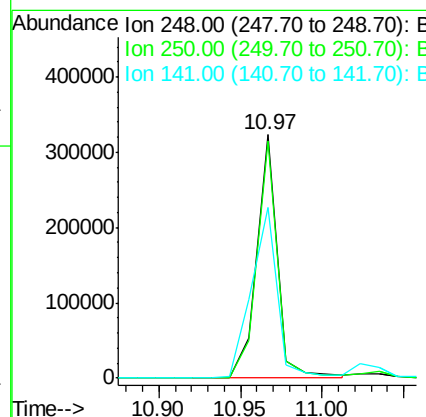
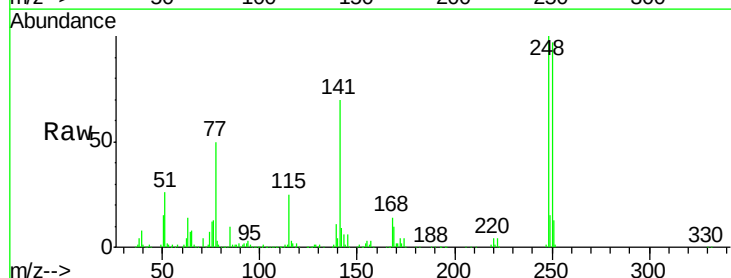
RT: 10.97 min Scan# 755

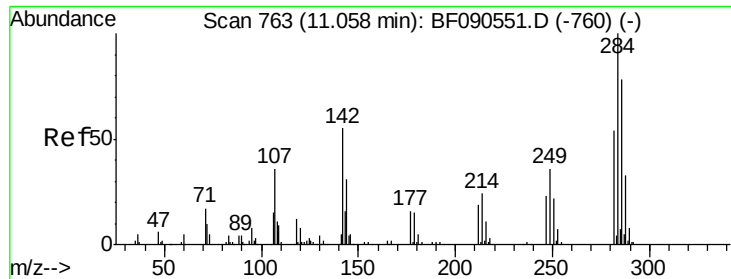
Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:	248	Resp:	286481
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.4	117.6
141	70.1	48.4	72.6





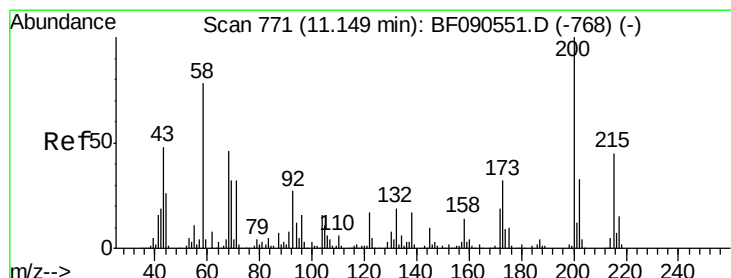
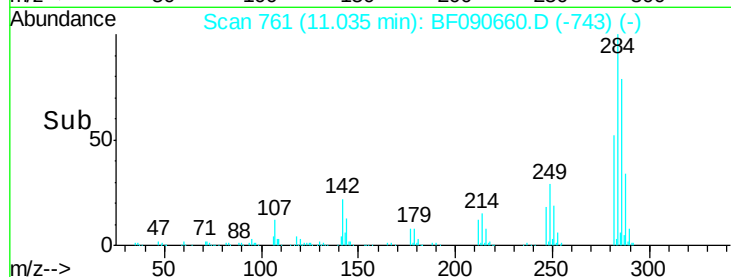
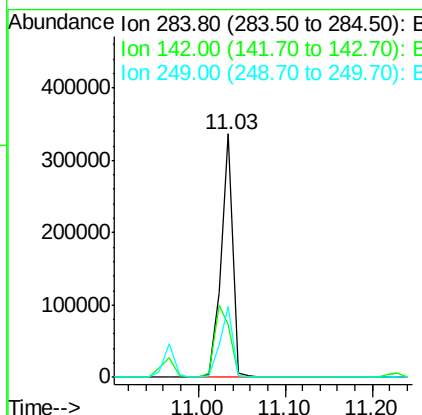
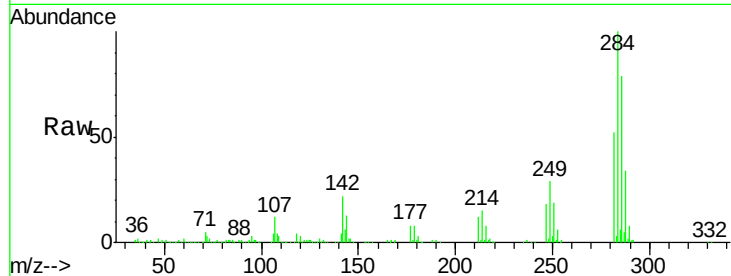
#67
Hexachlorobenzene
Concen: 38.38 ng
RT: 11.03 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	321337		
142	21.8	44.5	66.7#	
249	29.1	29.6	44.4#	

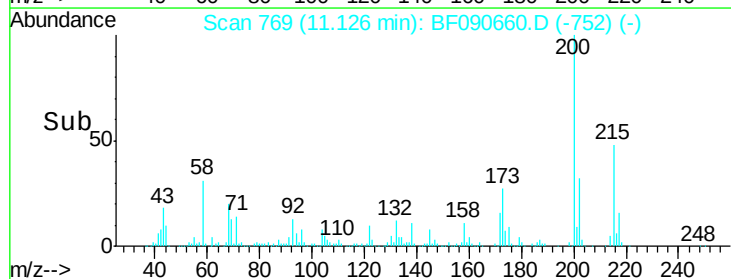
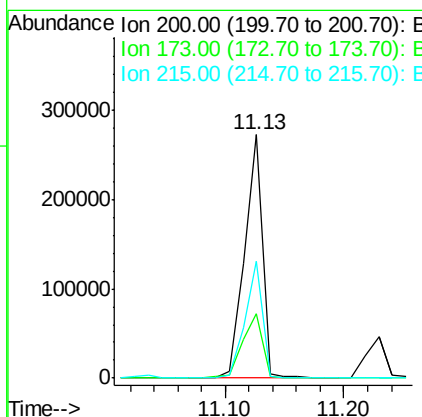
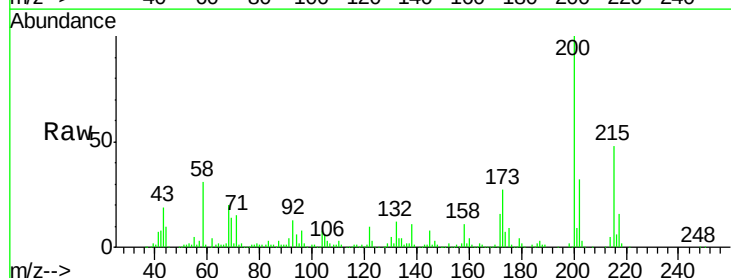
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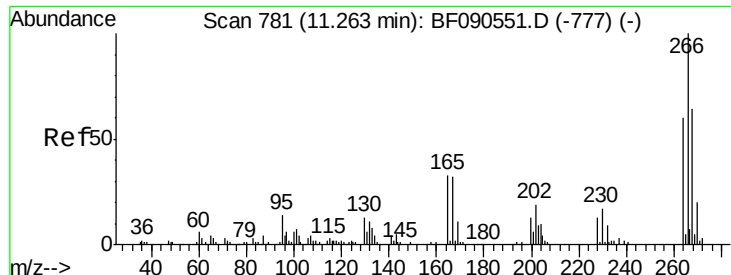
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#68
Atrazine
Concen: 43.98 ng
RT: 11.13 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	288809		
173	26.6	12.0	52.0	
215	48.2	25.2	65.2	





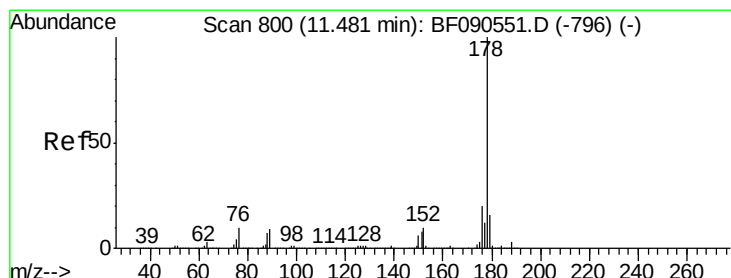
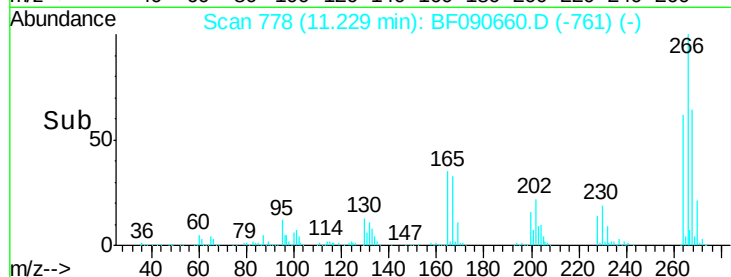
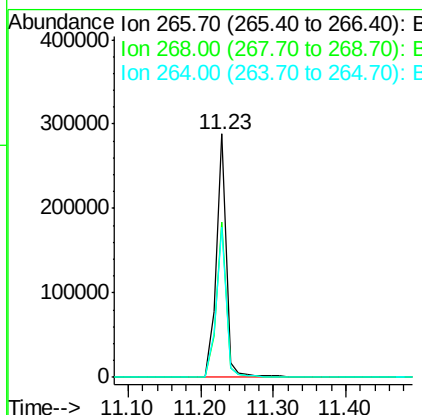
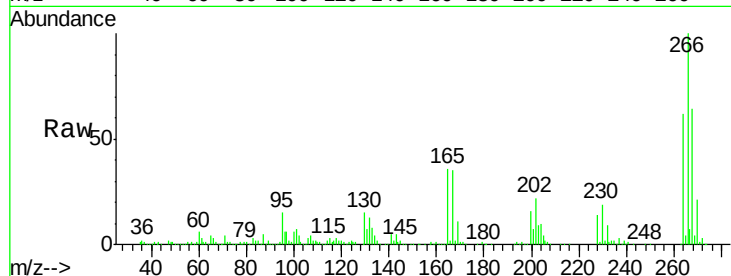
#69
 Pentachlorophenol
 Concen: 67.25 ng
 RT: 11.23 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	279090		
268	63.6	51.5	77.3	
264	61.6	47.9	71.9	

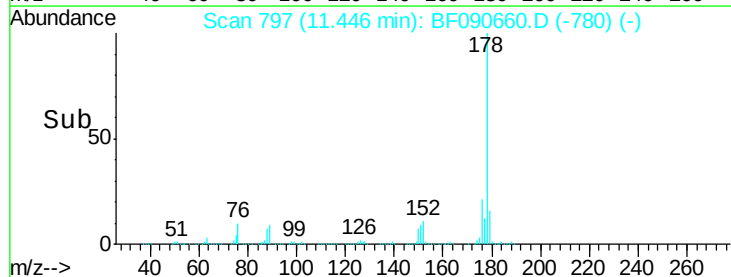
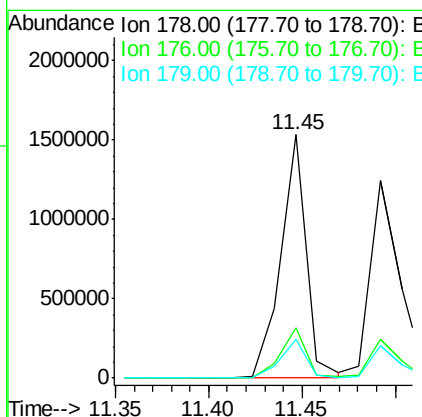
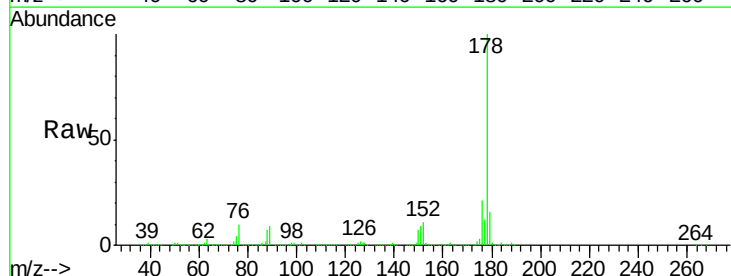
Manual Integrations
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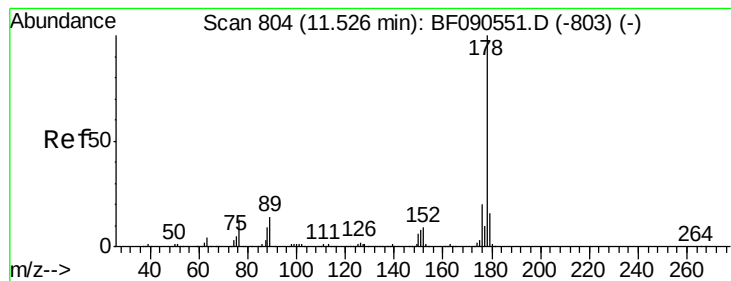
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#70
 Phenanthrene
 Concen: 38.10 ng
 RT: 11.45 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1461658		
176	20.8	16.1	24.1	
179	16.1	12.6	19.0	





#71
 Anthracene
 Concen: 34.72 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

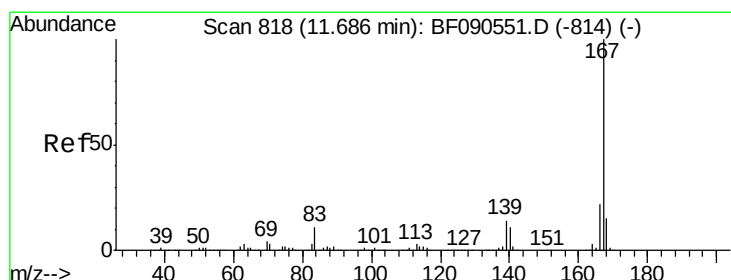
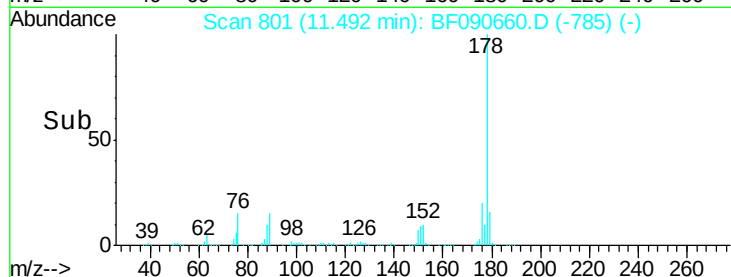
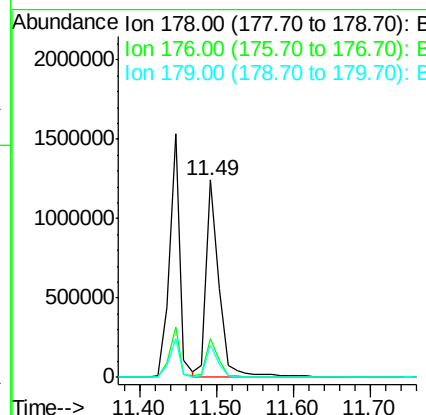
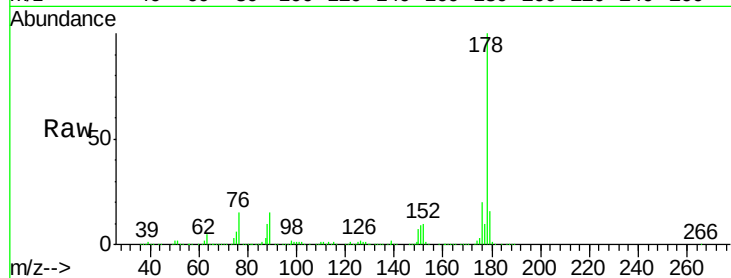
Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion:178 Resp: 1433718

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.1	13.0	19.4

Manual Integrations
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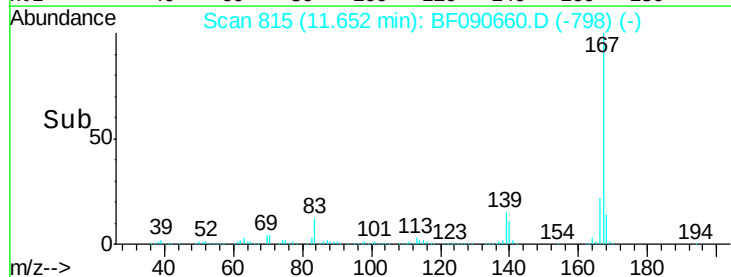
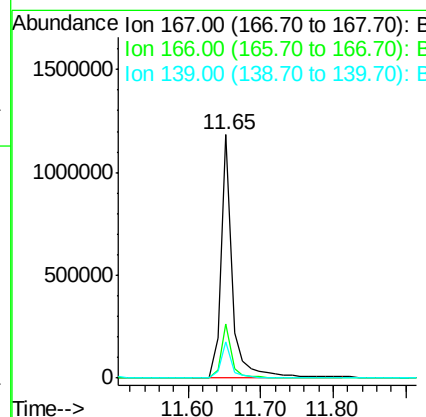
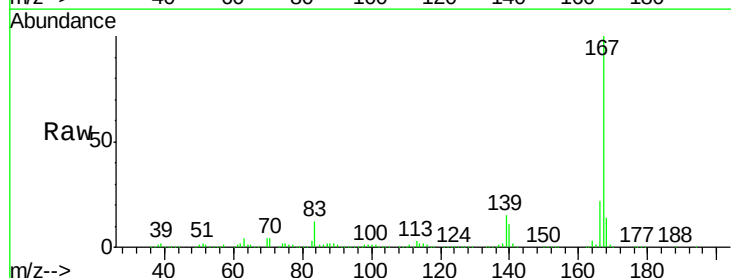
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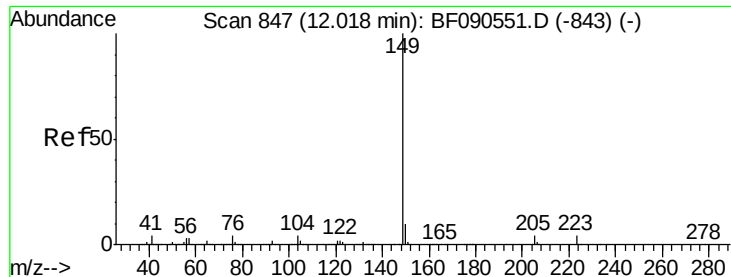


#72
 Carbazole
 Concen: 34.96 ng
 RT: 11.65 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion:167 Resp: 1292092

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	14.8	11.3	16.9





#73

Di-n-butylphthalate

Concen: 41.88 ng

RT: 11.98 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

ClientSampleId :

101816-03MS

Tot Ion:149 Resp: 1813535

Ion Ratio Lower Upper

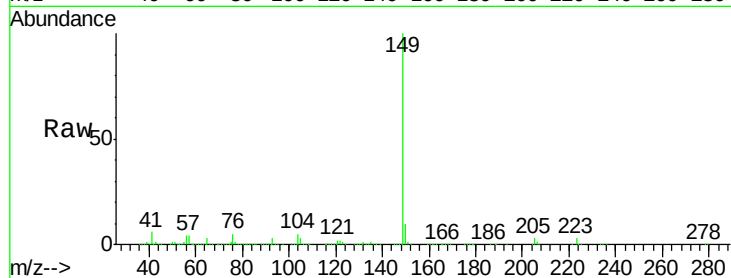
149 100

150 9.9 7.8 11.6

104 4.9 3.3 4.9

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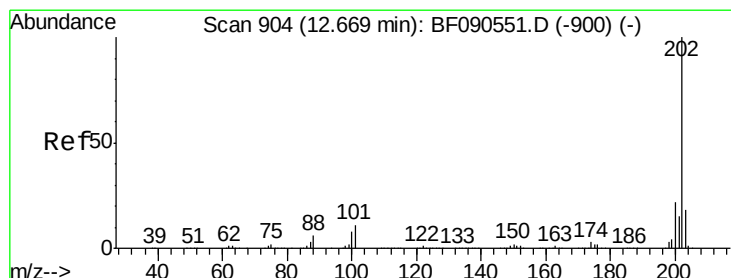
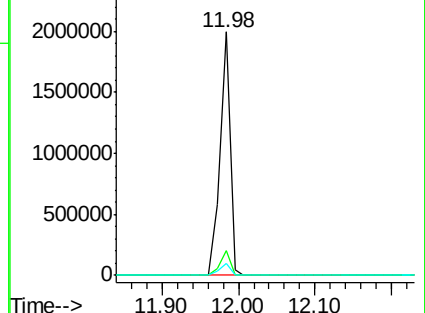
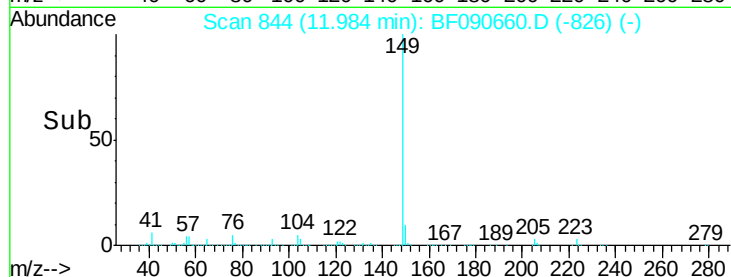
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.68 ng

RT: 12.64 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

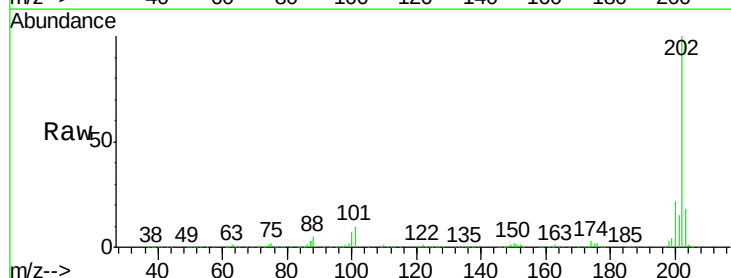
Tgt Ion:202 Resp: 1222744

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.1

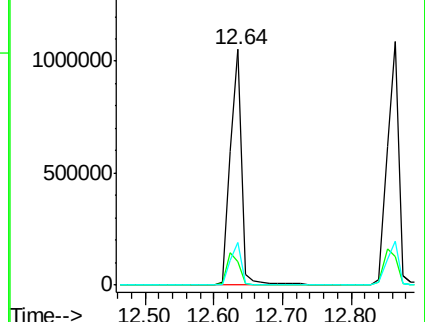
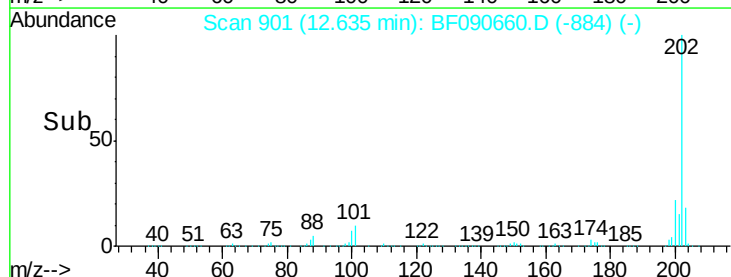
203 17.9 0.0 38.0

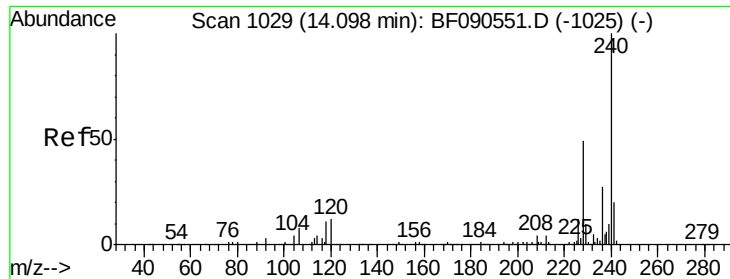


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

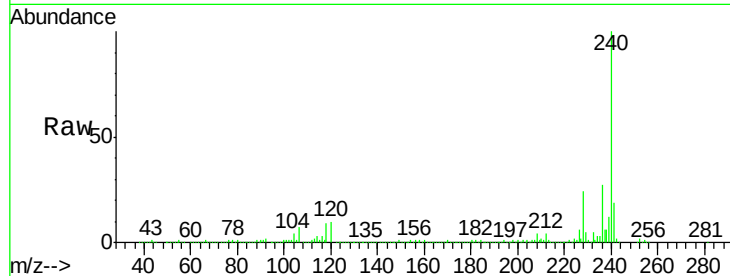
ClientSampleId :

101816-03MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.8	14.8#
236	27.2	21.7	32.5

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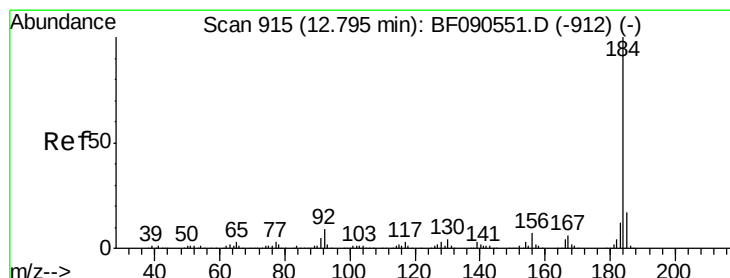
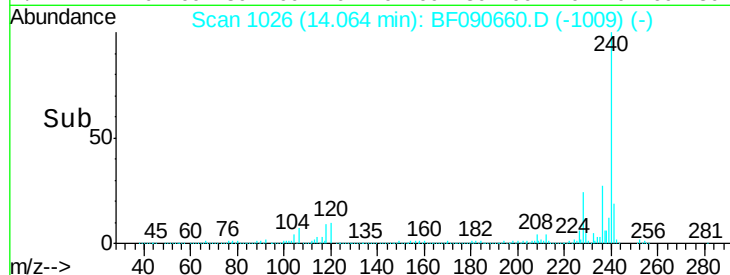
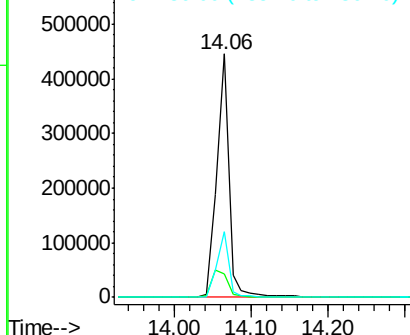
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.89 ng

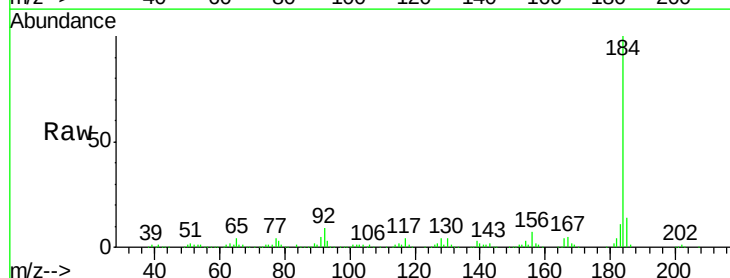
RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

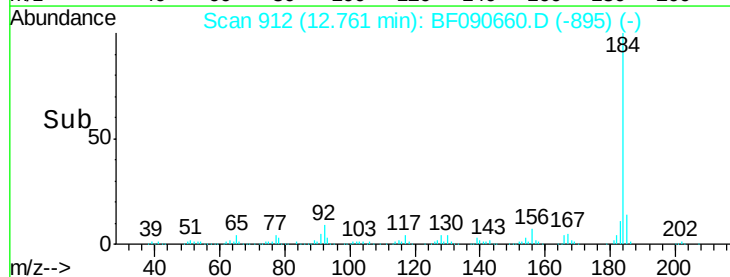
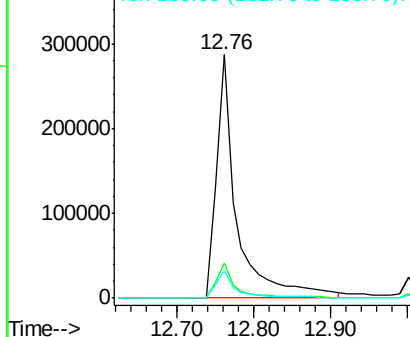
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	11.1	9.4	14.0

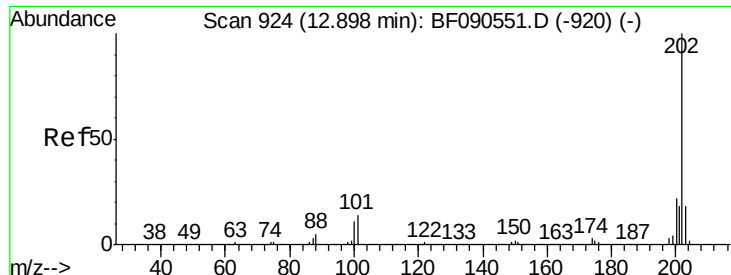


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





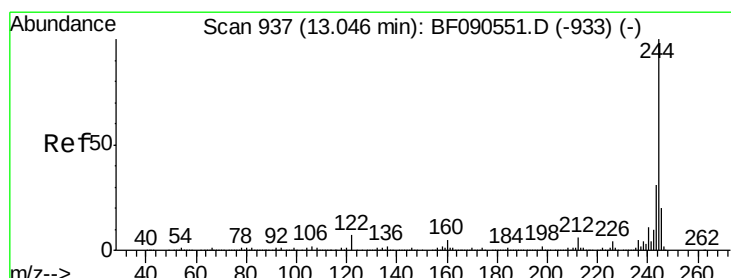
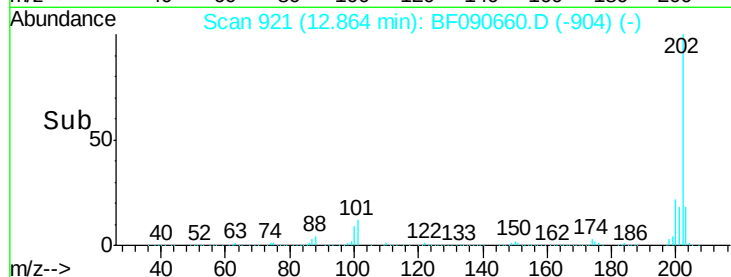
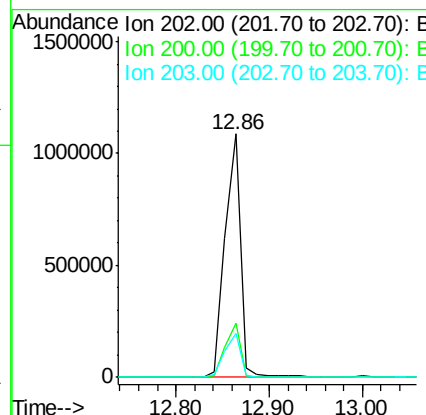
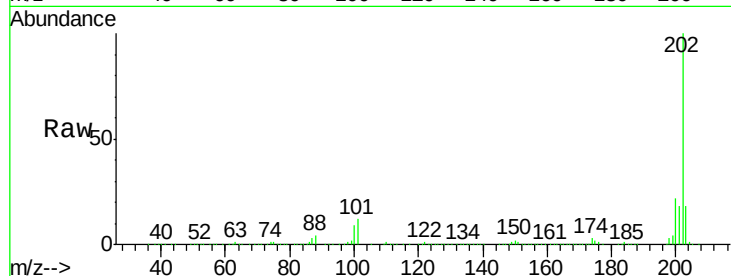
#77
Pvrene
Concen: 37.77 ng
RT: 12.86 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.1	14.6	21.8

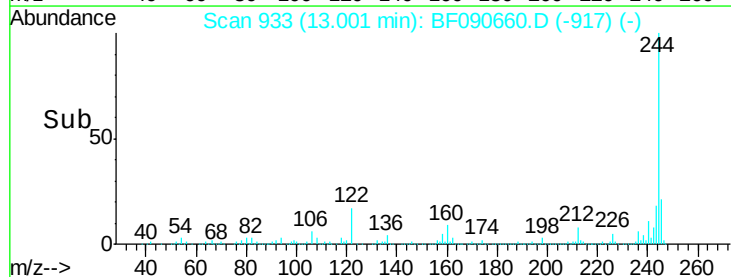
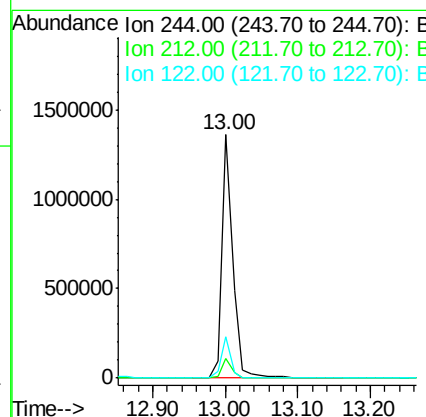
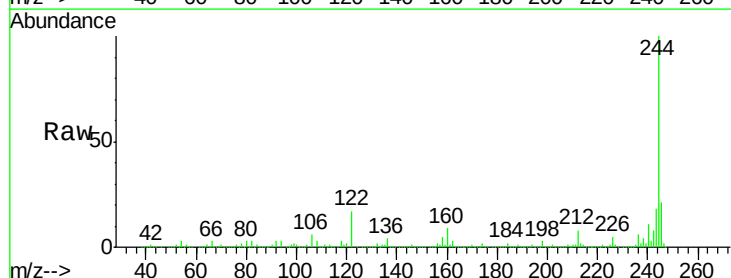
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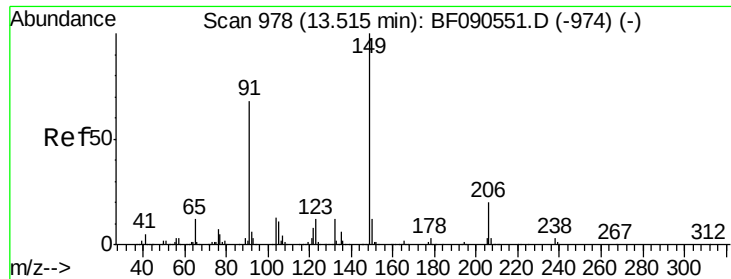
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#78
Terphenyl-d14
Concen: 67.04 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.0	7.4#
122	17.0	5.6	8.4#





#79

Butylbenzylphthalate

Concen: 45.76 ng

RT: 13.48 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

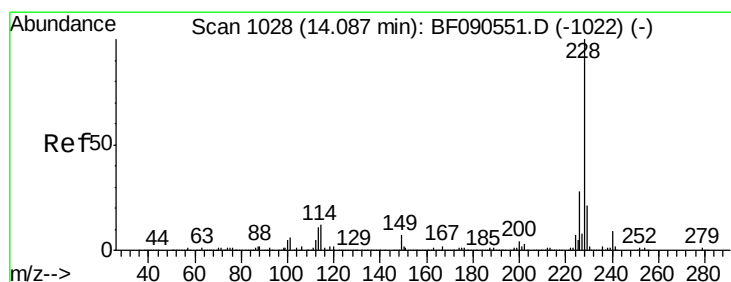
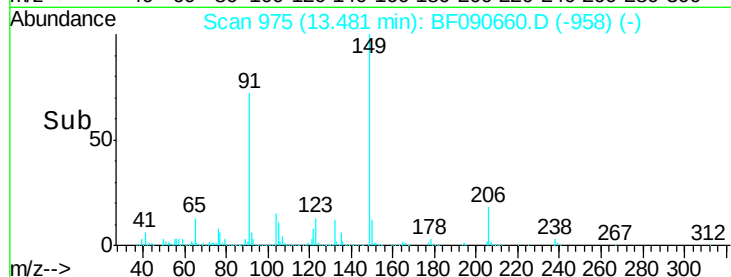
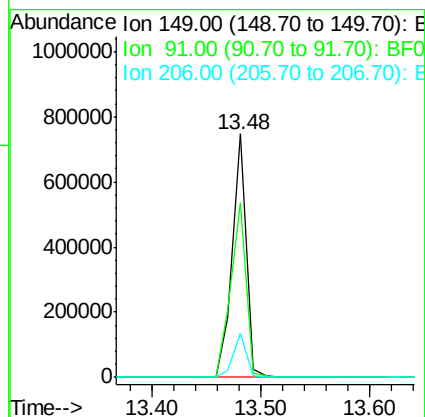
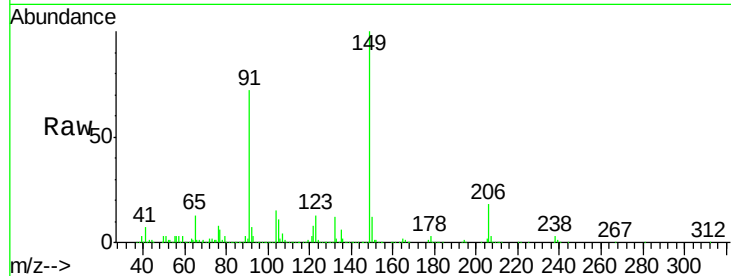
ClientSampleID :

101816-03MS

Tot Ion:	149	Resp:	663677
Ion Ratio	Lower	Upper	
149	100		
91	71.9	54.3	81.5
206	18.1	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 36.04 ng

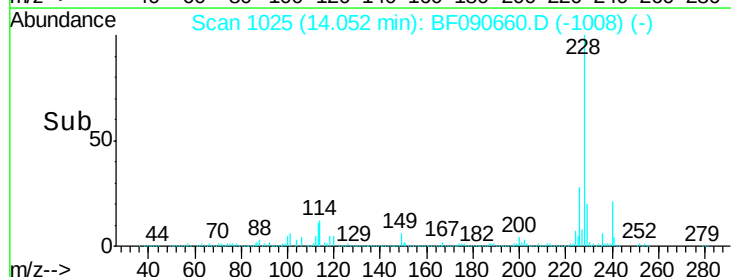
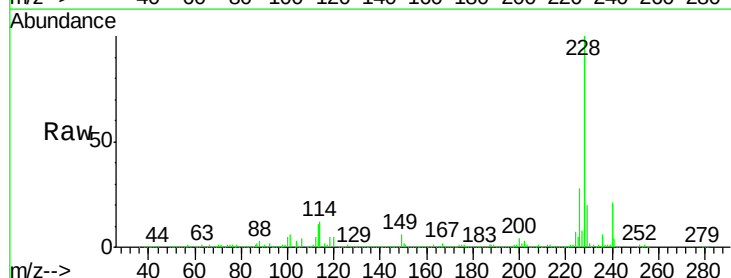
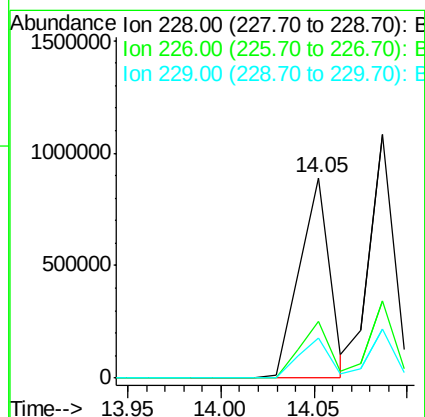
RT: 14.05 min Scan# 1025

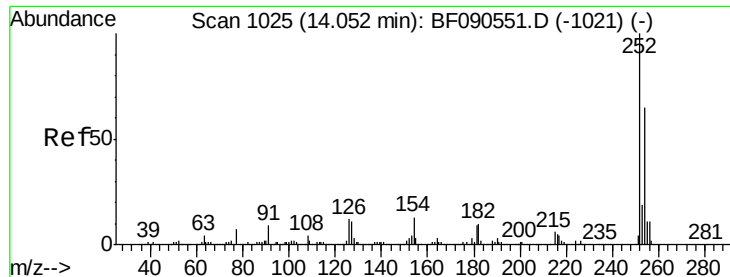
Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:	228	Resp:	1014289
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.8	34.2
229	20.0	16.6	25.0





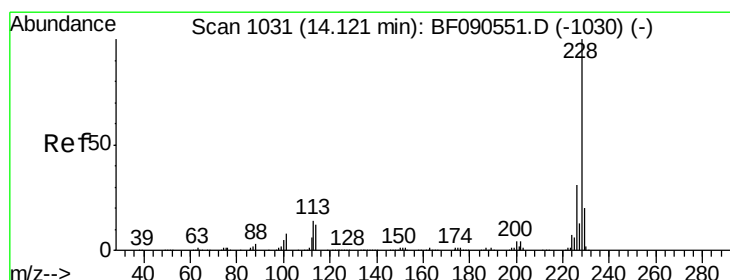
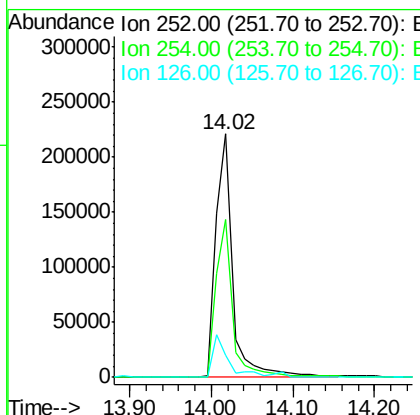
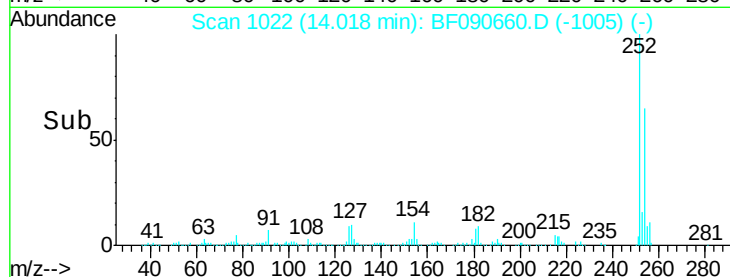
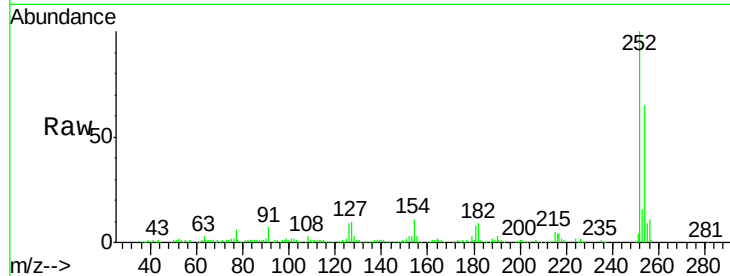
#81
 3,3'-Dichlorobenzidine
 Concen: 33.23 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	52.1	78.1
126	9.1	9.3	13.9

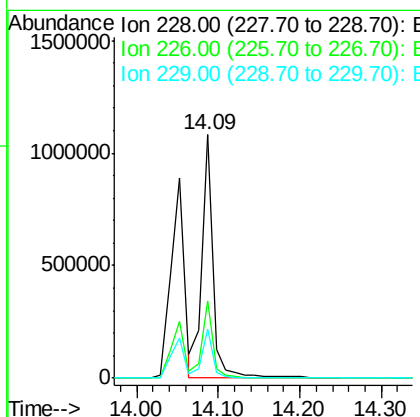
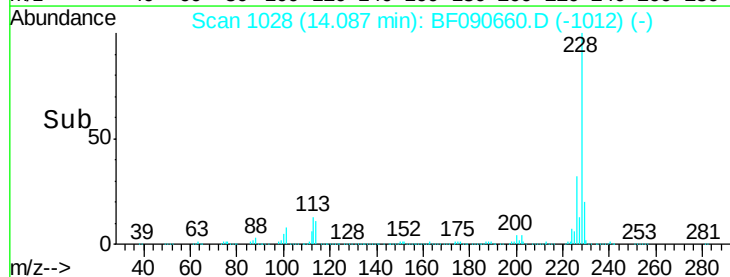
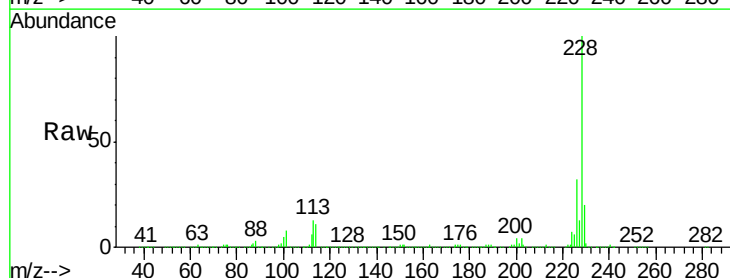
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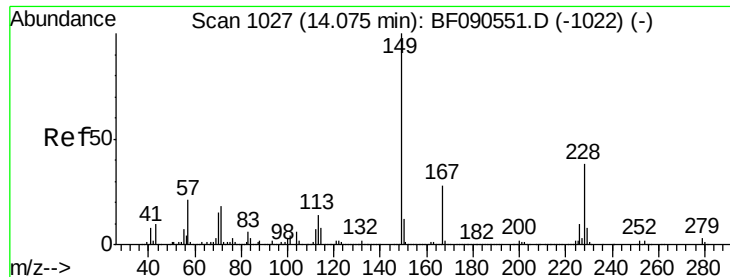
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#82
 Chrysene
 Concen: 38.60 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	24.8	37.2
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.65 ng

RT: 14.04 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Instrument :

BNA_F

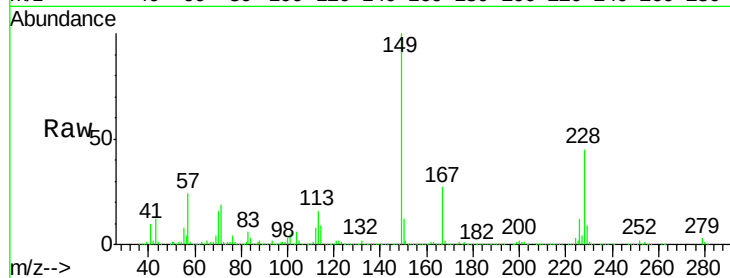
ClientSampleId :

101816-03MS

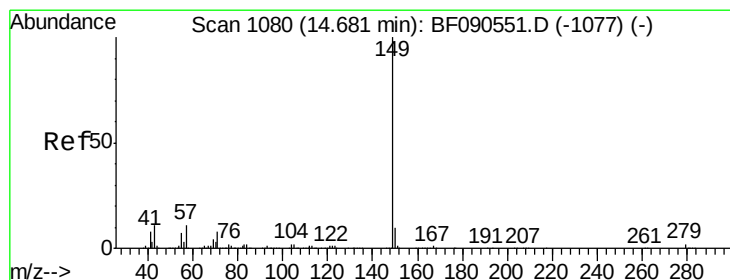
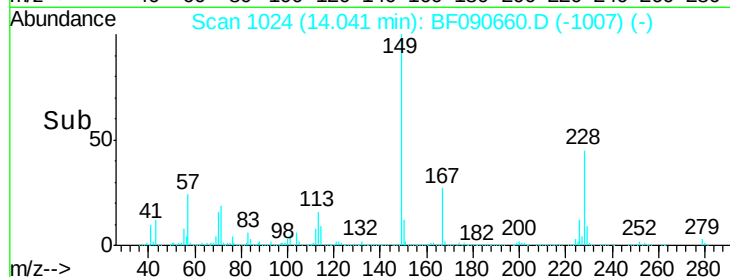
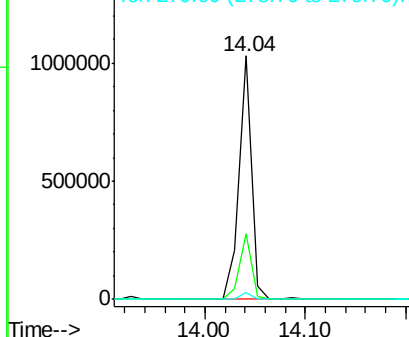
Tot Ion:	149	Resp:	893293
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.1	33.1
279	2.8	2.6	4.0

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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: 49.17 ng

RT: 14.65 min Scan# 1077

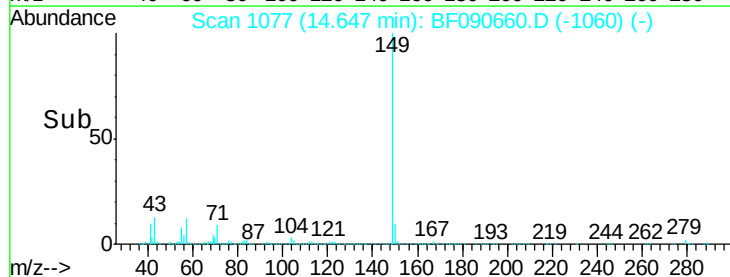
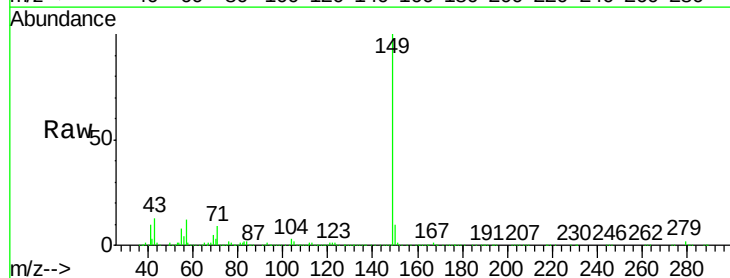
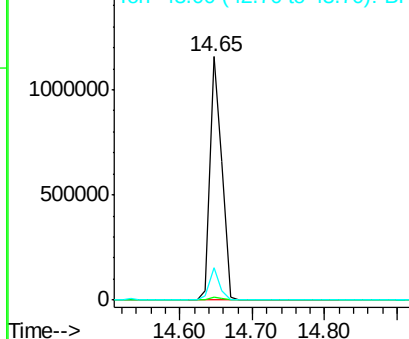
Delta R.T. -0.01 min

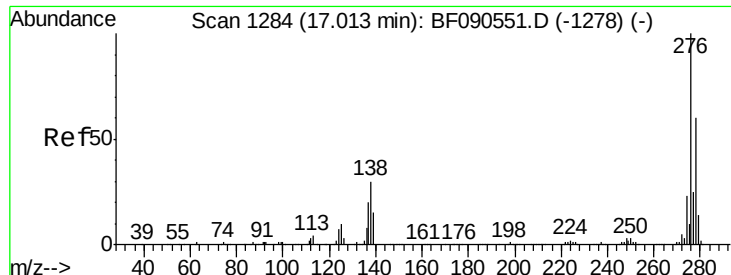
Lab File: BF090660.D

Acq: 19 Oct 2016 21:00

Tgt Ion:	149	Resp:	1290247
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.4	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





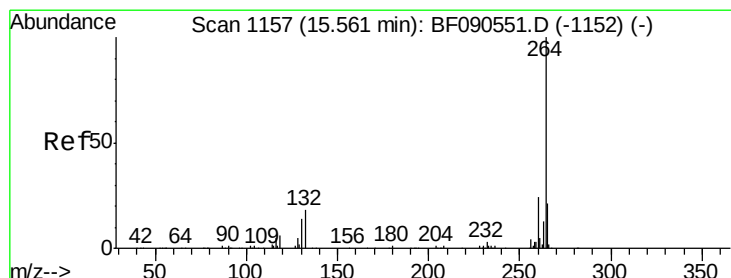
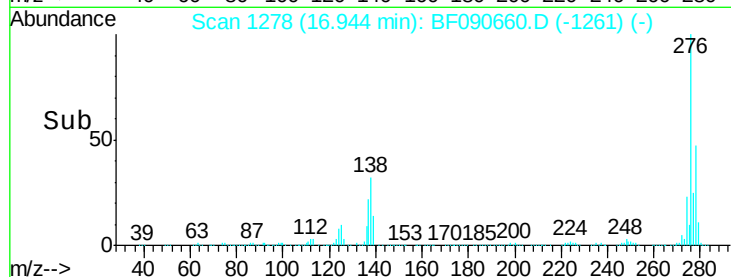
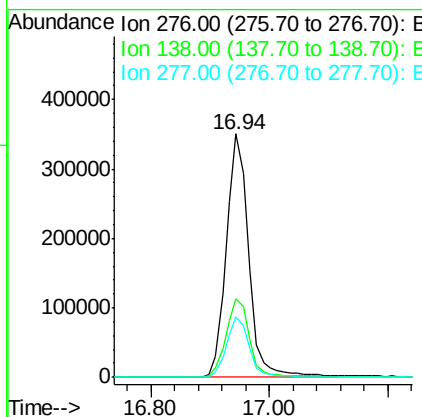
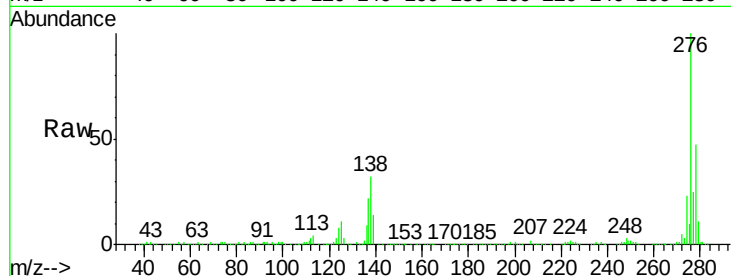
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.49 ng
RT: 16.94 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.8	38.6
277	25.2	20.1	30.1

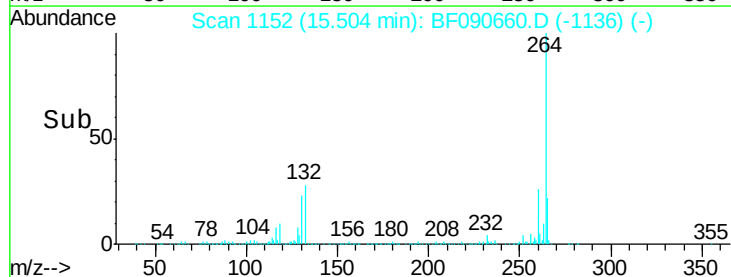
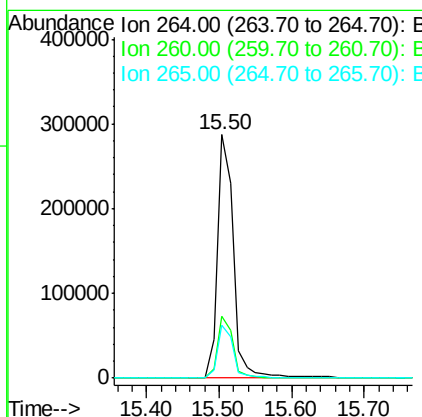
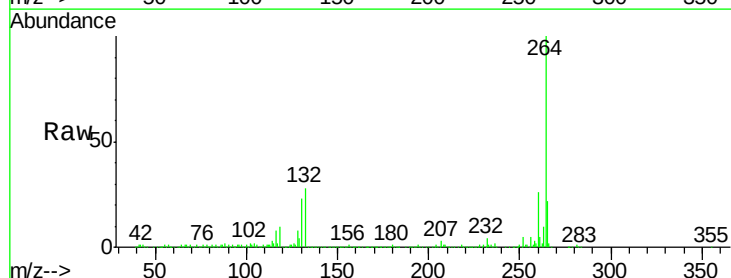
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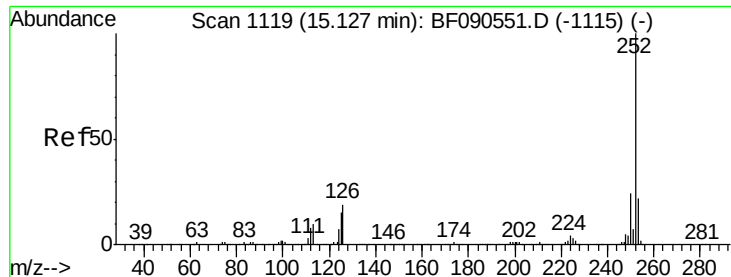
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	21.8	16.7	25.1





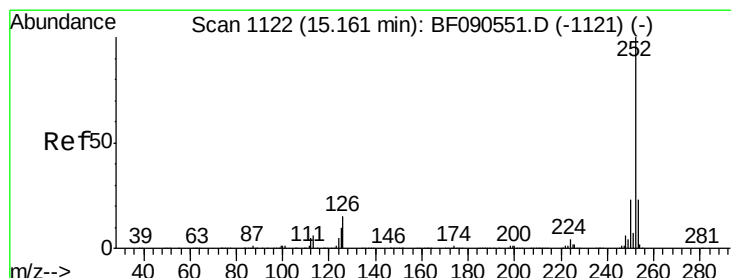
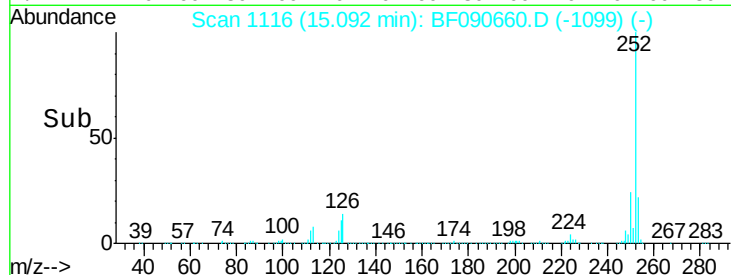
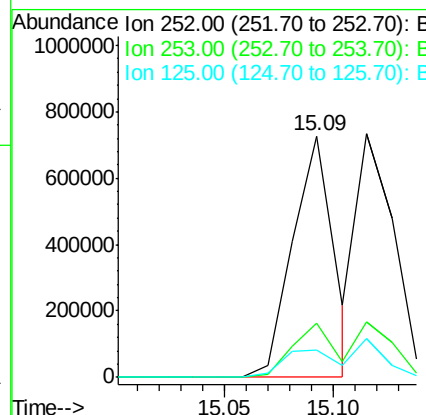
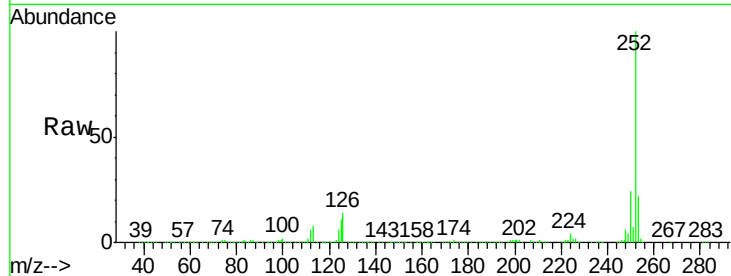
#87
Benzo(b)fluoranthene
Concen: 33.24 ng
RT: 15.09 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.4	12.0	18.0

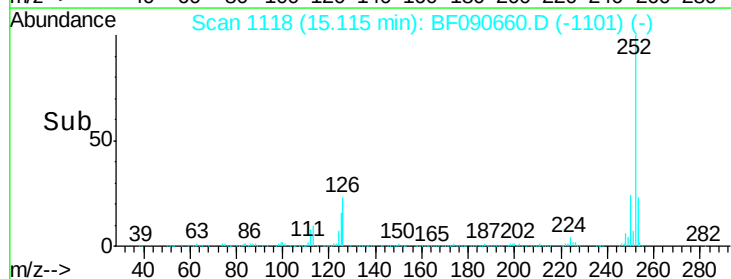
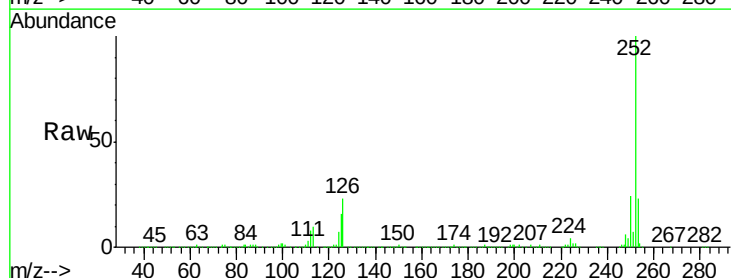
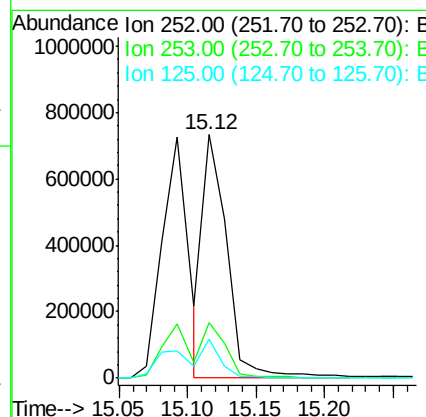
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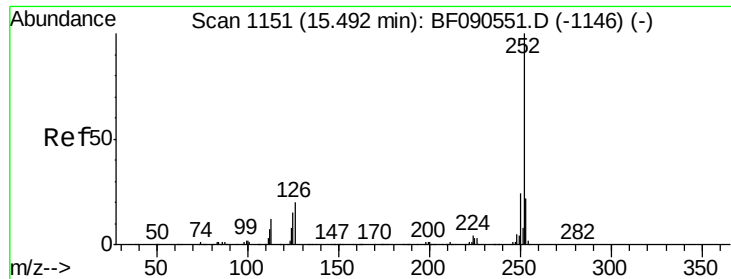
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#88
Benzo(k)fluoranthene
Concen: 30.42 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	16.0	10.0	15.0





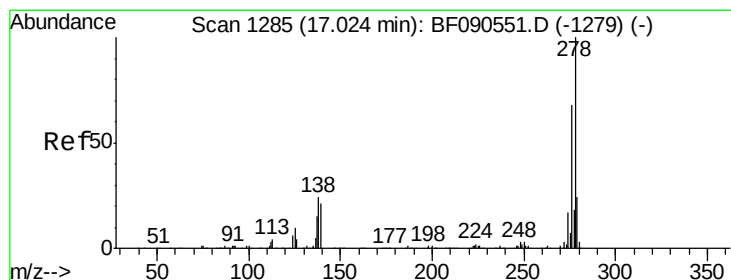
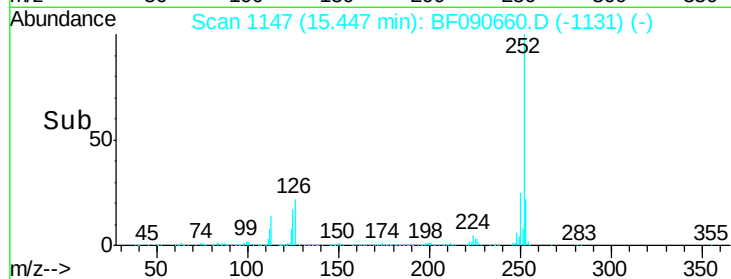
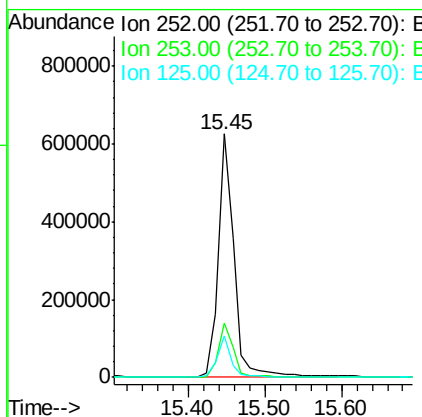
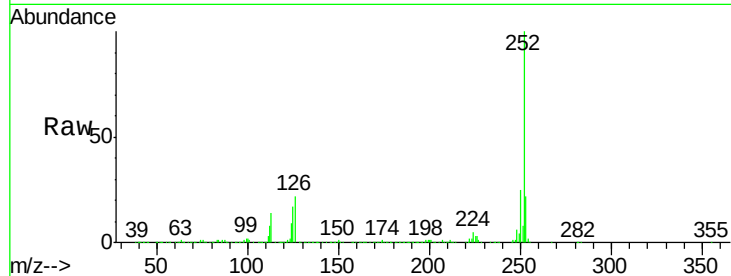
#89
Benzo(a)pyrene
Concen: 33.78 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	16.9	12.3	18.5

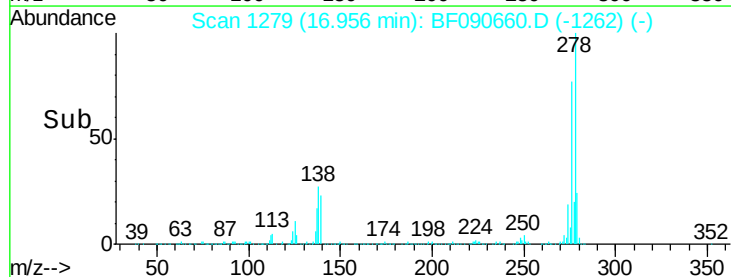
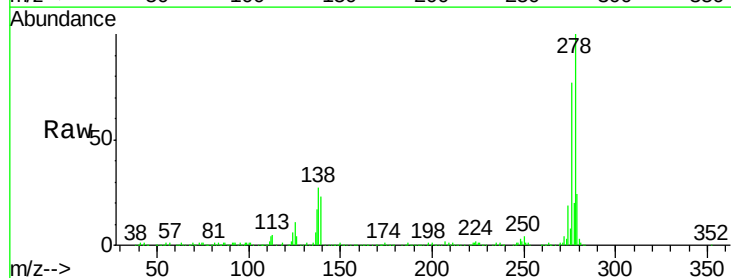
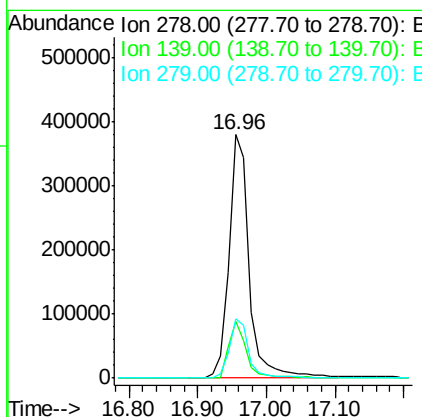
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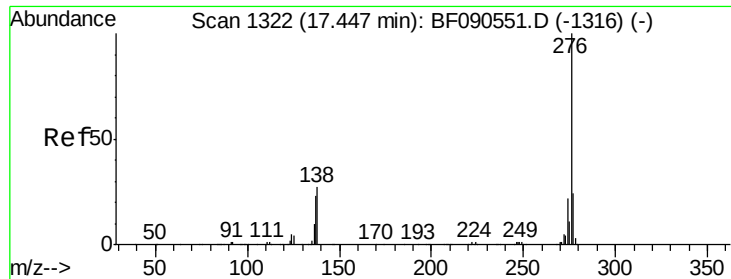
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#90
Dibenzo(a,h)anthracene
Concen: 39.39 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090660.D
Acq: 19 Oct 2016 21:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	25.0
279	24.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 35.81 ng
 RT: 17.38 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF090660.D
 Acq: 19 Oct 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 101816-03MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	28.5	21.8	32.8

Manual Integrations
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