

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090256.D
 Acq On : 27 Sep 2016 17:16
 Operator : UM/SJ
 Sample : H4933-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Manual Integrations
 APPROVED

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 9/28/2016 1:52:14 PM

Quant Time: Sep 27 18:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 17:01:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	133327	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	530092	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	314563	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	476201	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	406991	20.00	ng	-0.01
86) Perylene-d12	14.90	264	306215	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	972302	118.87	ng	0.01
7) Phenol-d6	6.14	99	1199099	118.70	ng	0.00
23) Nitrobenzene-d5	7.05	82	776538	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	341136	126.41	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1263215	78.84	ng	-0.01
78) Terphenyl-d14	12.56	244	1177766	73.47	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	137143	30.90	ng	# 90
3) Pyridine	2.48	79	325525	33.82	ng	99
4) n-Nitrosodimethylamine	2.43	42	129305	45.02	ng	89
6) Aniline	6.14	93	361335	28.70	ng	# 85
8) 2-Chlorophenol	6.26	128	375411	39.89	ng	# 80
9) Benzaldehyde	6.01	77	217170	49.33	ng	94
10) Phenol	6.15	94	446266	37.37	ng	# 75
11) bis(2-Chloroethyl)ether	6.23	93	385563	41.40	ng	89
12) 1,3-Dichlorobenzene	6.41	146	395510	40.23	ng	99
13) 1,4-Dichlorobenzene	6.49	146	410636	40.91	ng	99
14) 1,2-Dichlorobenzene	6.64	146	325321m	36.38	ng	
15) Benzyl Alcohol	6.64	79	291078	48.32	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.78	45	436502	39.23	ng	95
17) 2-Methylphenol	6.76	107	327251	44.14	ng	97
18) Hexachloroethane	6.98	117	140906	39.35	ng	98
19) n-Nitroso-di-n-propylamine	6.91	70	272357	45.90	ng	99
20) 3+4-Methylphenols	6.91	107	407396	45.77	ng	92
22) Acetophenone	6.90	105	542036	42.40	ng	98
24) Nitrobenzene	7.06	77	360108	37.79	ng	98
25) Isophorone	7.31	82	744515	38.97	ng	99
26) 2-Nitrophenol	7.38	139	189366	40.36	ng	97
27) 2,4-Dimethylphenol	7.44	122	333715	40.03	ng	97
28) bis(2-Chloroethoxy)methane	7.53	93	478120	41.37	ng	98
29) 2,4-Dichlorophenol	7.63	162	329029	45.00	ng	95
30) 1,2,4-Trichlorobenzene	7.71	180	310912	42.57	ng	95
31) Naphthalene	7.78	128	1033257	40.94	ng	100
32) Benzoic acid	7.56	122	80131	14.00	ng	96
33) 4-Chloroaniline	7.84	127	207801	19.85	ng	99
34) Hexachlorobutadiene	7.91	225	150206	38.99	ng	99
35) Caprolactam	8.22	113	117439m	48.53	ng	
36) 4-Chloro-3-methylphenol	8.34	107	342222	41.41	ng	98
37) 2-Methylnaphthalene	8.48	142	723926	46.12	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	243714	33.75	ng	99
40) Hexachlorocyclopentadiene	8.63	237	268156	75.26	ng	99

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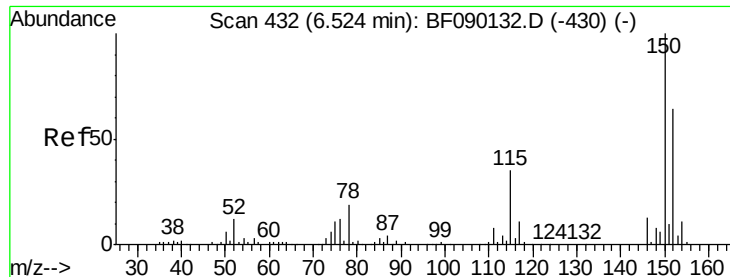
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Quant Time: Sep 27 18:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
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 QLast Update : Tue Sep 27 17:01:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	202528	39.36	nq	98
43) 2,4,5-Trichlorophenol	8.80	196	212678	39.92	nq	# 90
45) 1,1'-Biphenyl	8.94	154	771907	34.30	nq	99
46) 2-Chloronaphthalene	8.96	162	662906	39.93	nq	98
47) 2-Nitroaniline	9.06	65	206101	41.17	nq	87
48) Acenaphthylene	9.37	152	1047833	38.86	nq	99
49) Dimethylphthalate	9.26	163	1139883	56.89	nq	99
50) 2,6-Dinitrotoluene	9.31	165	193825	43.41	nq	# 77
51) Acenaphthene	9.54	154	651748	40.72	nq	99
52) 3-Nitroaniline	9.47	138	135631	25.91	nq	99
53) 2,4-Dinitrophenol	9.59	184	169802	68.45	nq	# 85
54) Dibenzofuran	9.71	168	905661	43.00	nq	98
55) 4-Nitrophenol	9.66	139	243815	67.98	nq	# 80
56) 2,4-Dinitrotoluene	9.71	165	225281	42.66	nq	# 85
57) Fluorene	10.04	166	667049	42.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	182077	45.65	nq	96
59) Diethylphthalate	9.95	149	809324	41.83	nq	98
60) 4-Chlorophenyl-phenylether	10.06	204	280558	38.76	nq	# 75
61) 4-Nitroaniline	10.09	138	208524	39.08	nq	98
62) Azobenzene	10.20	77	825243	40.97	nq	99
64) 4,6-Dinitro-2-methylphenol	10.11	198	114594	38.42	nq	# 61
65) n-Nitrosodiphenylamine	10.17	169	601171	38.39	nq	98
66) 4-Bromophenyl-phenylether	10.54	248	199864	42.65	nq	95
67) Hexachlorobenzene	10.59	284	220974	40.46	nq	99
68) Atrazine	10.71	200	175408	40.88	nq	97
69) Pentachlorophenol	10.79	266	235155	75.86	nq	99
70) Phenanthrene	10.99	178	938147	42.12	nq	99
71) Anthracene	11.05	178	1047070	44.83	nq	100
72) Carbazole	11.21	167	1011824	40.98	nq	99
73) Di-n-butylphthalate	11.57	149	1339444	46.65	nq	98
74) Fluoranthene	12.17	202	948302	39.67	nq	99
76) Benzidine	12.31	184	469464	34.46	nq	97
77) Pyrene	12.40	202	1066868	38.31	nq	100
79) Butylbenzylphthalate	13.04	149	516619	37.92	nq	# 84
80) Benzo(a)anthracene	13.58	228	874700	39.95	nq	100
81) 3,3'-Dichlorobenzidine	13.55	252	243183	26.93	nq	98
82) Chrysene	13.61	228	628650	29.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	703180	40.34	nq	# 98
84) Di-n-octyl phthalate	14.22	149	1263502	42.07	nq	98
85) Indeno(1,2,3-cd)pyrene	16.05	276	668284	38.75	nq	97
87) Benzo(b)fluoranthene	14.57	252	876564m	51.69	nq	
88) Benzo(k)fluoranthene	14.59	252	559014m	35.13	nq	
89) Benzo(a)pyrene	14.86	252	641431	40.21	nq	# 97
90) Dibenzo(a,h)anthracene	16.07	278	564370	45.34	nq	97
91) Benzo(g,h,i)perylene	16.39	276	562095	46.14	nq	98

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



#1

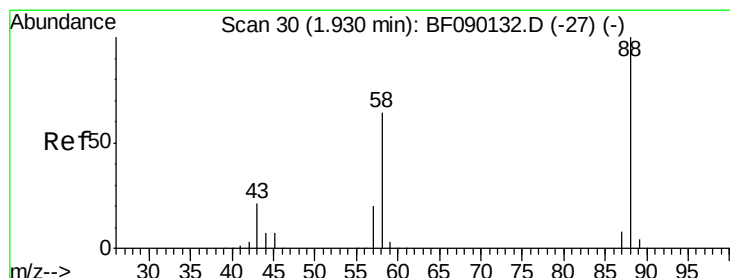
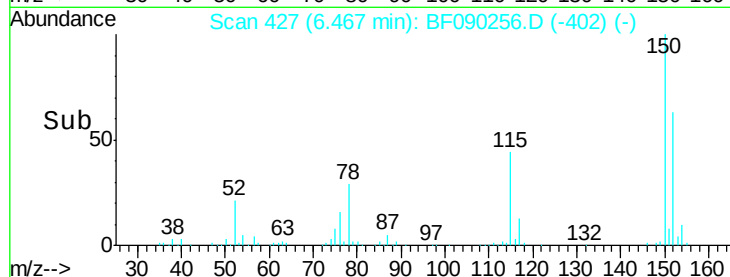
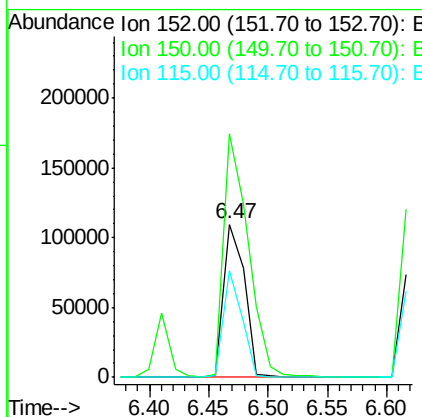
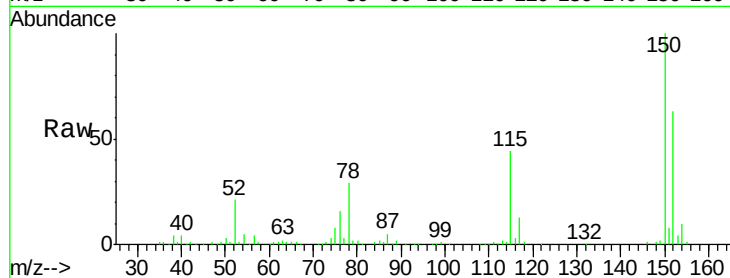
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Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	128.9	193.3
115	69.5	55.5	83.3

Manual Integrations
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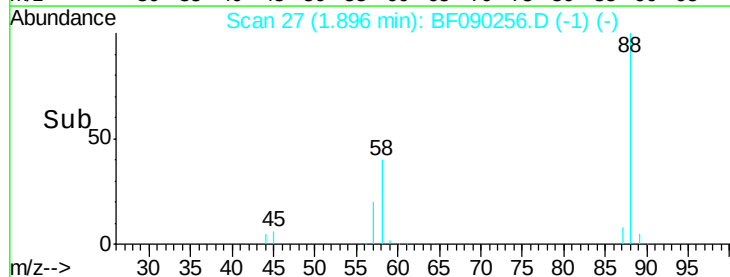
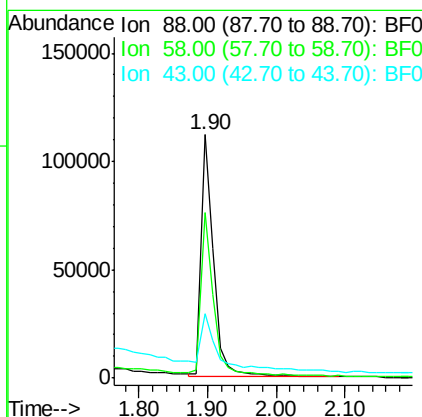
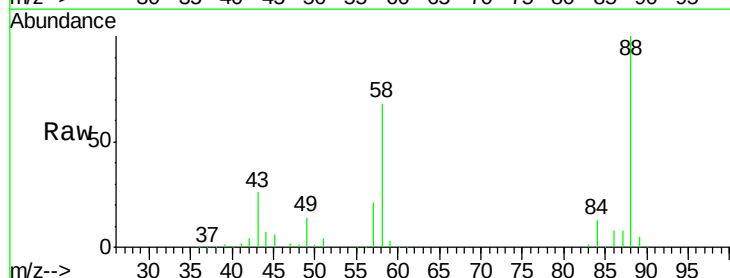
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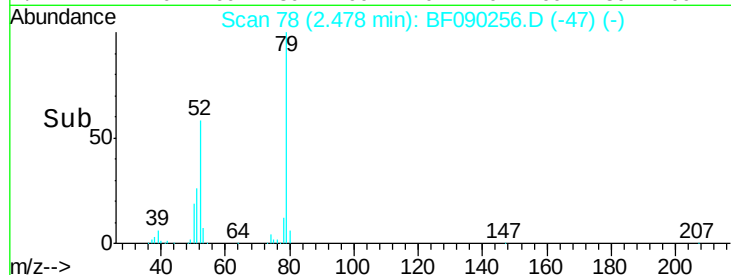
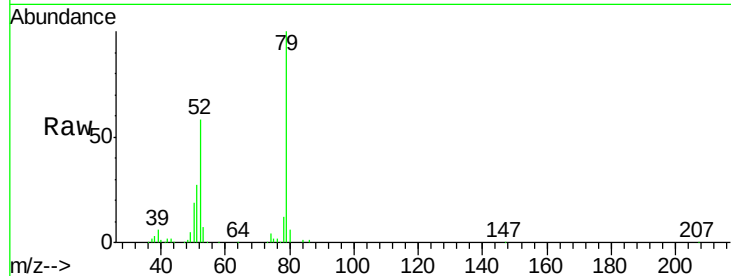
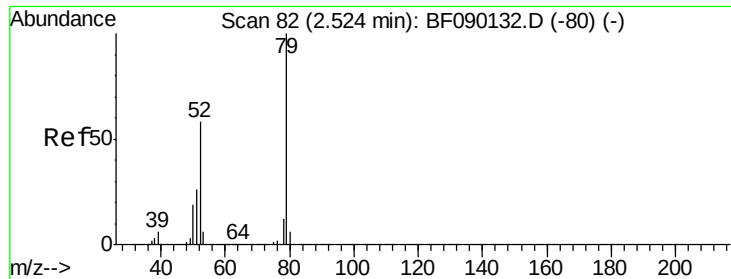


#2

1,4-Dioxane
Concen: 30.90 ng
RT: 1.90 min Scan# 27
Delta R.T. 0.06 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	53.4	80.0
43	35.6	16.5	24.7





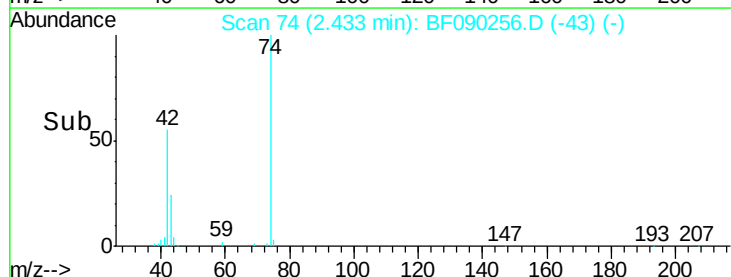
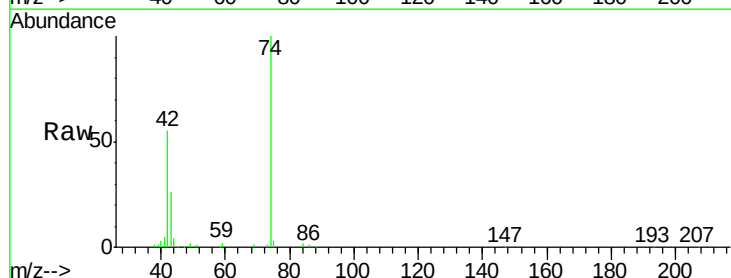
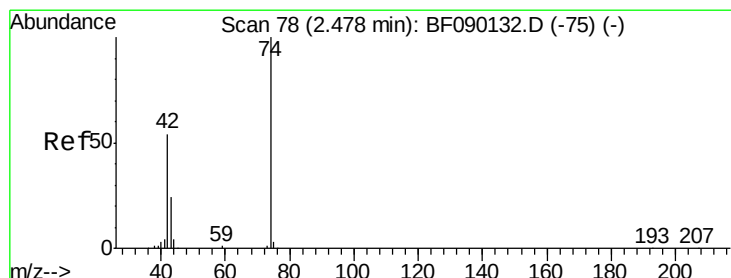
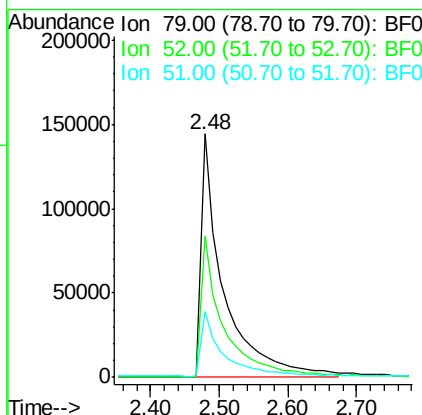
#3
 Pvridine
 Concen: 33.82 ng
 RT: 2.48 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tot Ion:	79	Resp:	325525
Ion Ratio	Lower	Upper	
79	100		
52	58.1	45.9	68.9
51	27.1	21.3	31.9

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

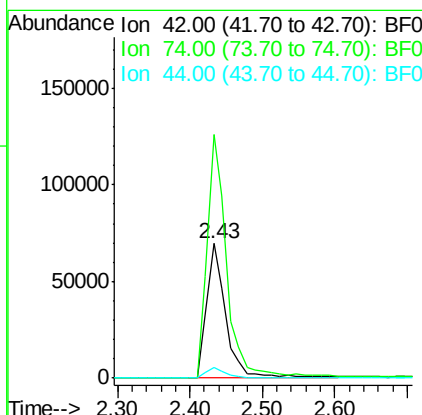
Manual Integrations
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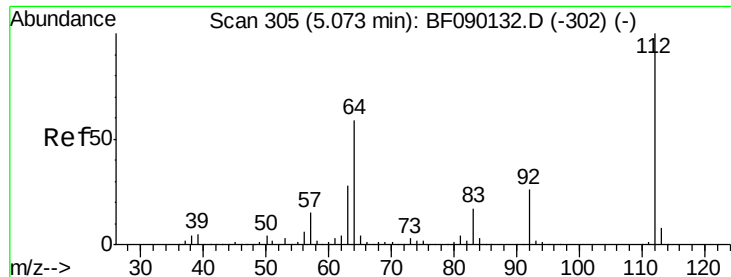
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#4
 n-Nitrosodimethylamine
 Concen: 45.02 ng
 RT: 2.43 min Scan# 74
 Delta R.T. 0.06 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion:	42	Resp:	129305
Ion Ratio	Lower	Upper	
42	100		
74	180.8	158.7	238.1
44	7.7	6.4	9.6





#5

2-Fluorophenol

Concen: 118.87 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

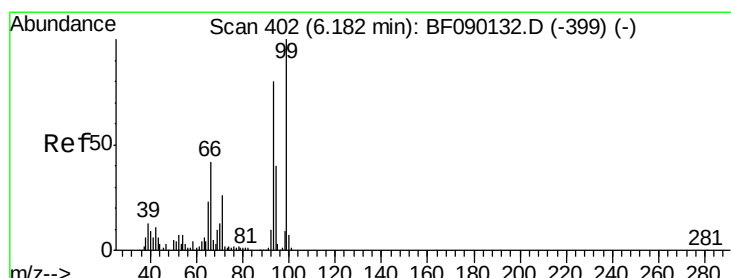
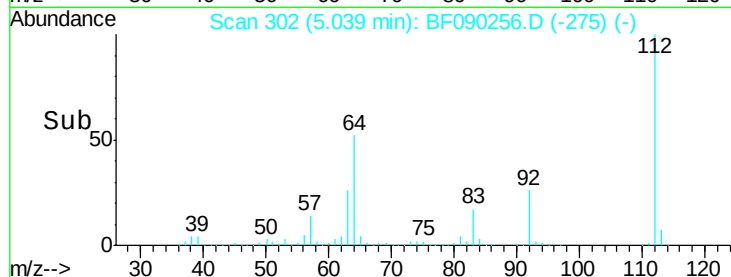
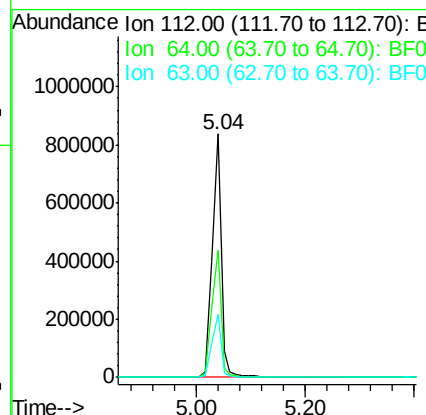
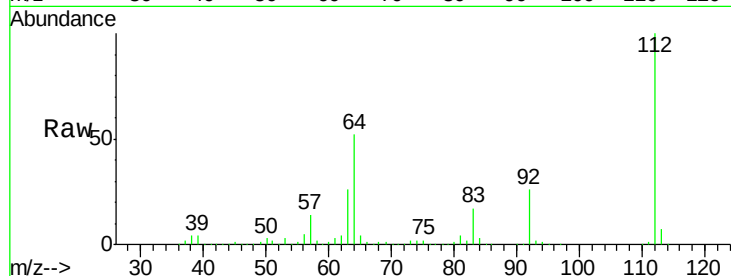
ClientSampled :

B5-15-15.5MSD

Tot Ion:	112	Resp:	972302
Ion Ratio	Lower	Upper	
112	100		
64	52.3	39.8	59.6
63	26.0	18.9	28.3

Manual Integrations
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#6

Aniline

Concen: 28.70 ng

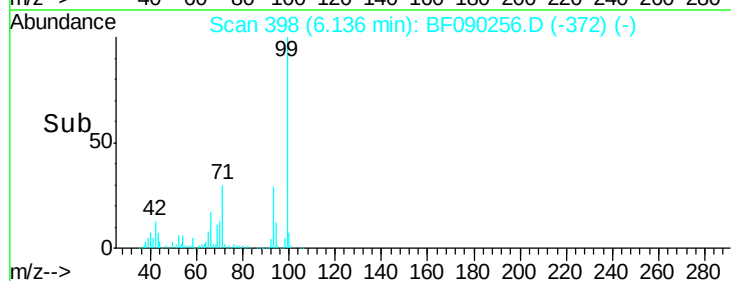
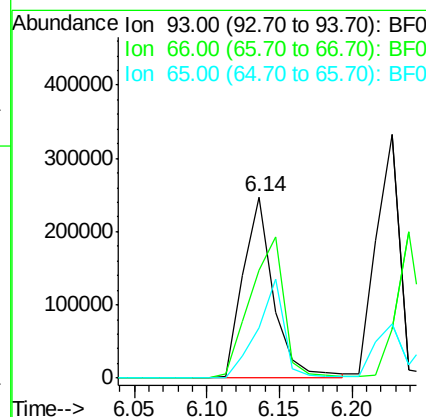
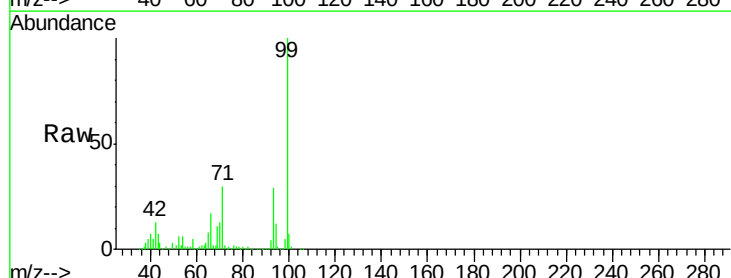
RT: 6.14 min Scan# 398

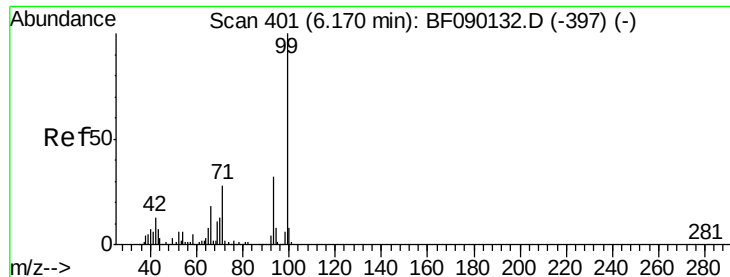
Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	93	Resp:	361335
Ion Ratio	Lower	Upper	
93	100		
66	59.4	54.2	81.2
65	27.9	33.8	50.6#





#7

Phenol-d6

Concen: 118.70 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

ClientSampleId :

B5-15-15.5MSD

Tot Ion: 99 Resp: 1199099

Ion Ratio Lower Upper

99 100

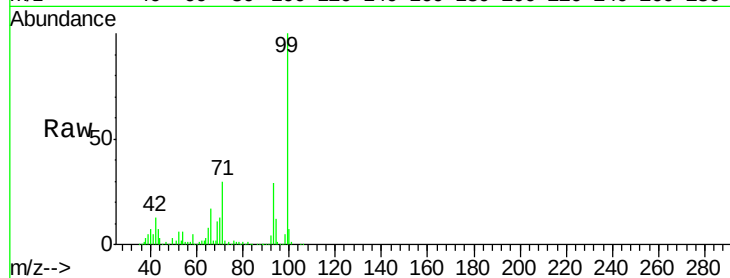
42 13.1 10.6 15.8

71 30.1 23.0 34.6

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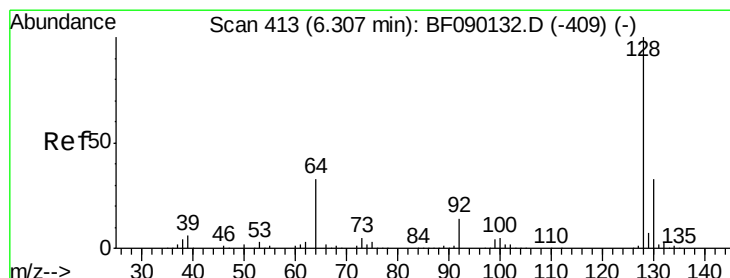
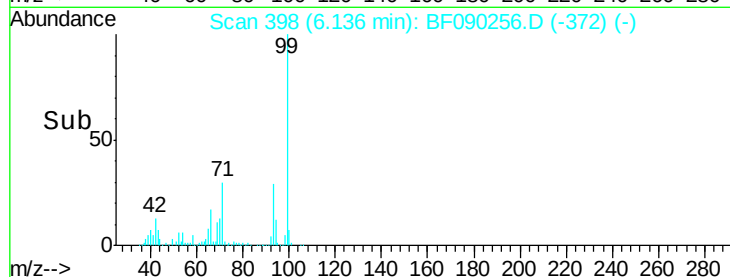
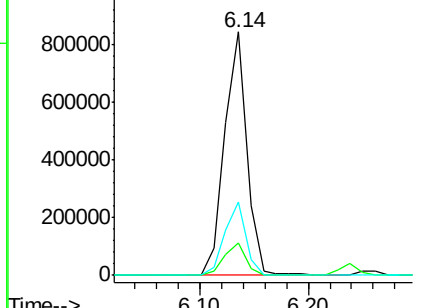
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.89 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

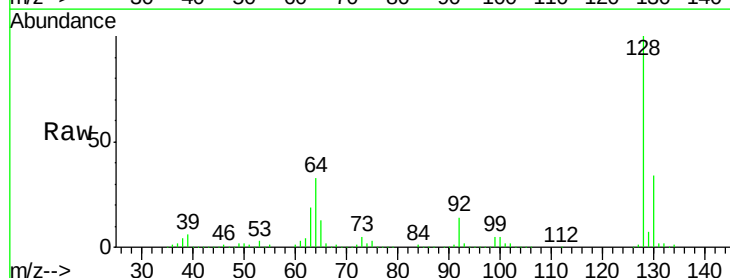
Tgt Ion: 128 Resp: 375411

Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

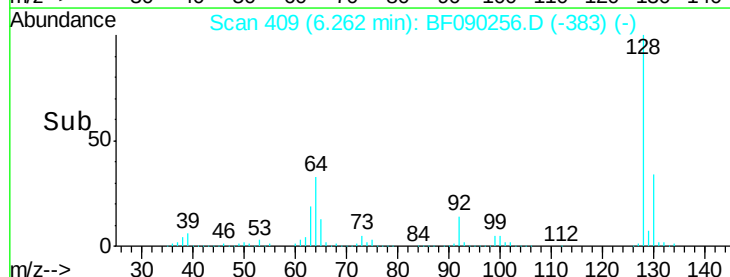
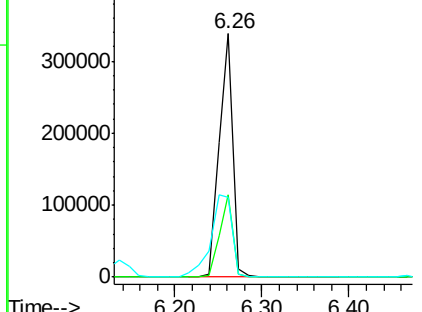
64 32.5 33.6 73.6#

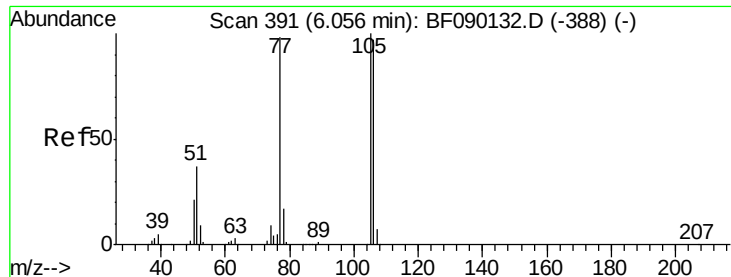


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 49.33 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

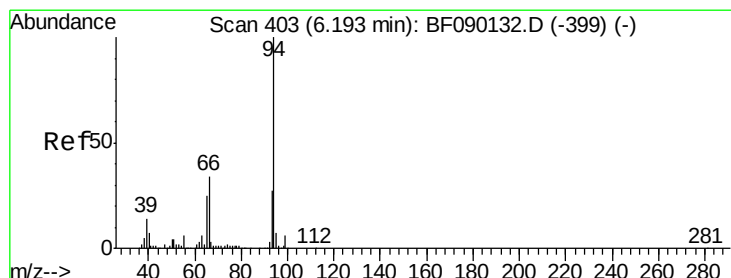
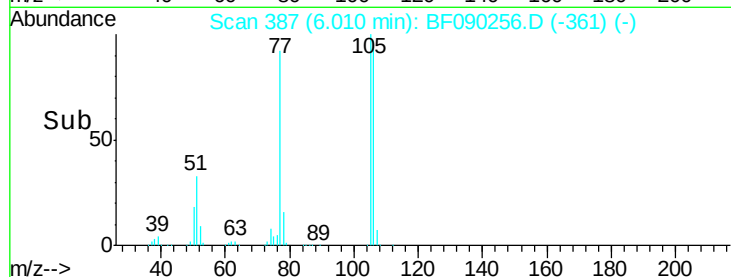
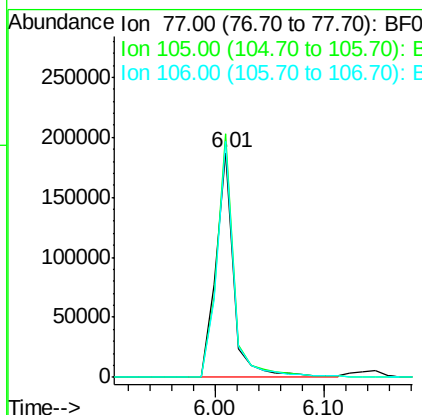
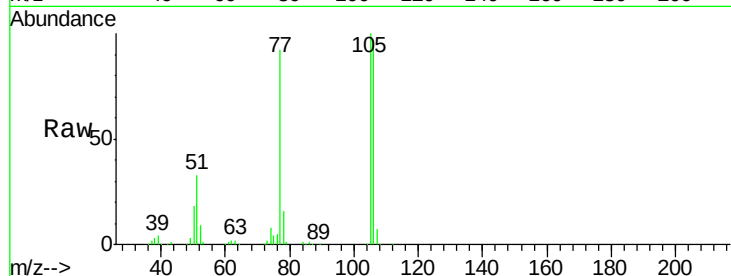
ClientSampleId :

B5-15-15.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	108.3	83.0	123.0		
106	104.8	78.5	118.5		

Manual Integrations
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#10

Phenol

Concen: 37.37 ng

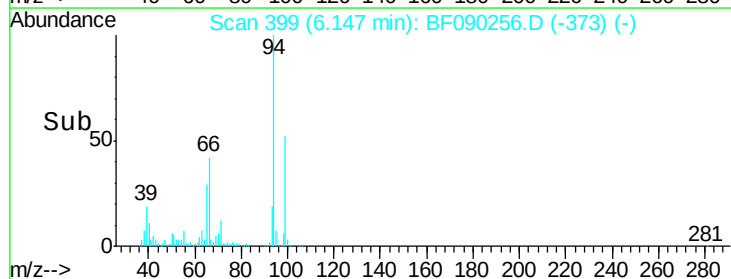
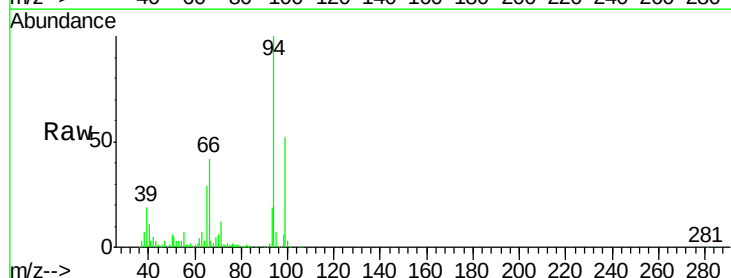
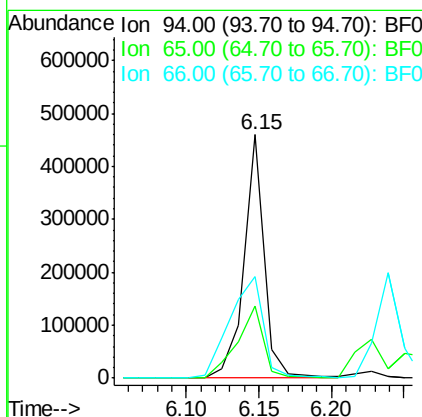
RT: 6.15 min Scan# 399

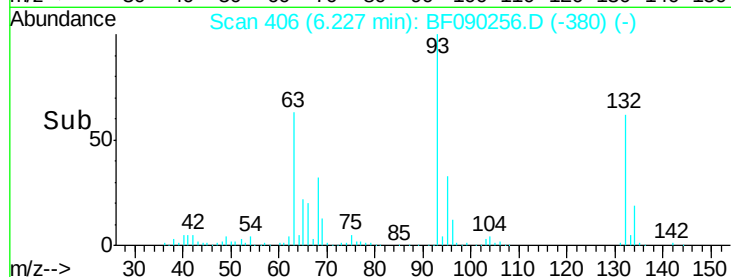
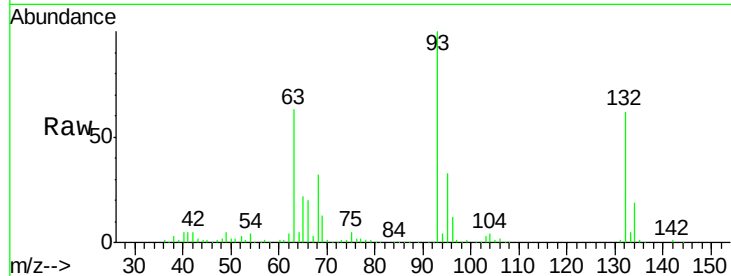
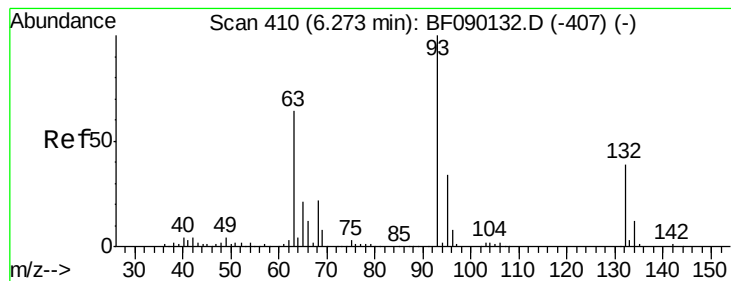
Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.4	20.6	60.6		
66	41.8	45.1	85.1		





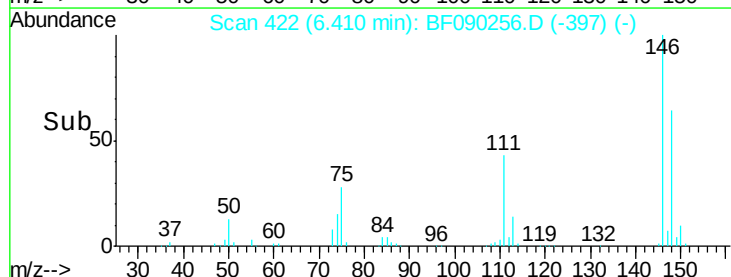
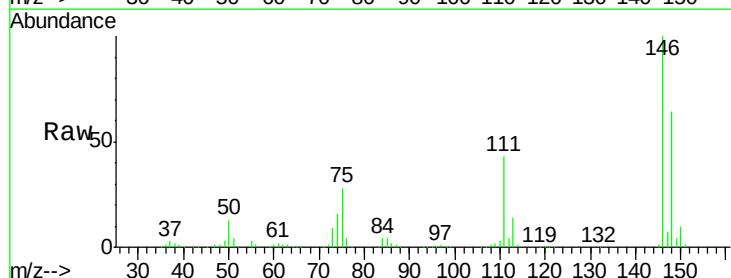
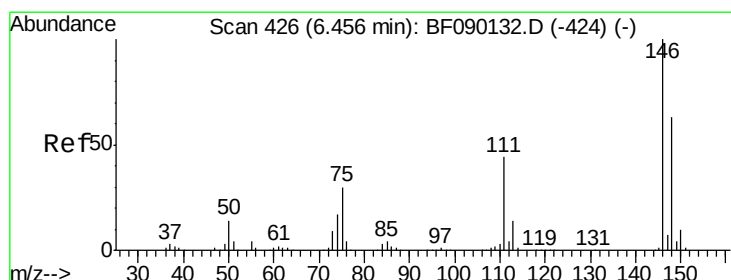
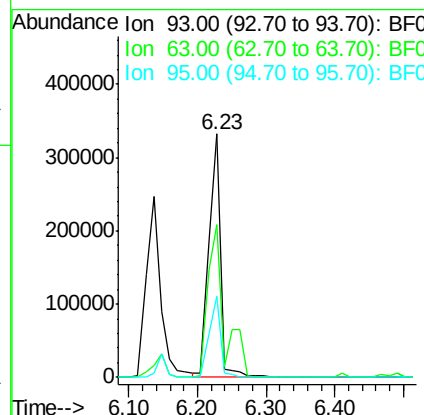
#11
bis(2-Chloroethyl)ether
Concen: 41.40 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tot Ion	Ratio	Resp	Lower	Upper
93	100	385563		
63	62.8		55.6	95.6
95	33.4		12.6	52.6

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

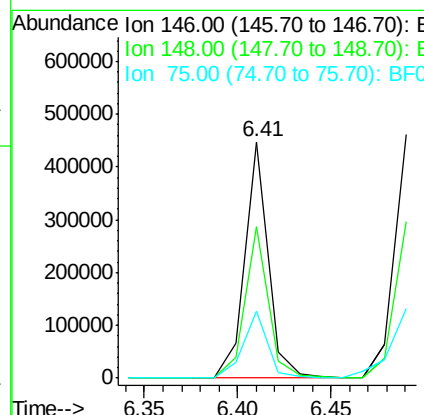
Manual Integrations
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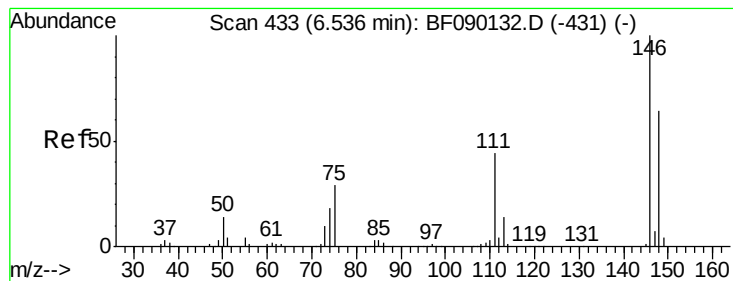
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#12
1,3-Dichlorobenzene
Concen: 40.23 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395510		
148	64.3		51.9	77.9
75	28.4		22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 40.91 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

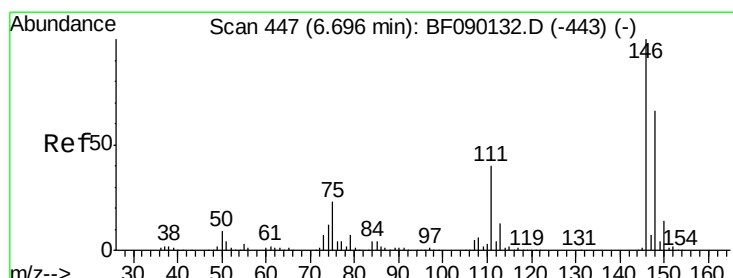
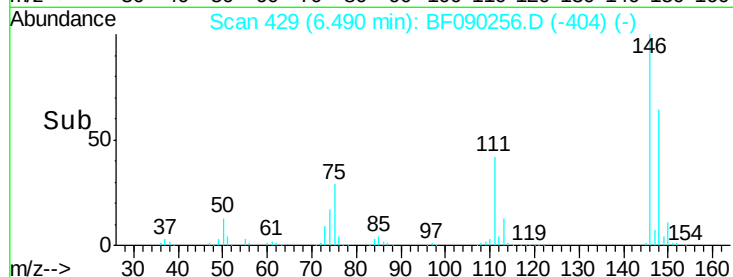
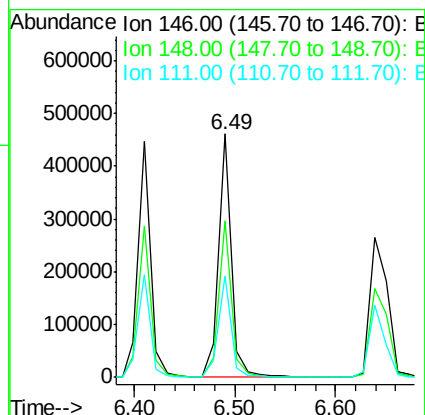
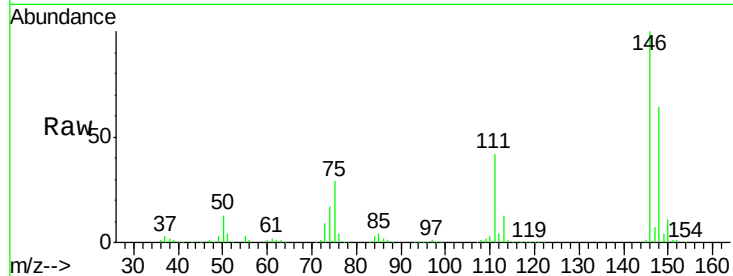
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	146	Resp:	410636
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.0	78.0
111	41.8	33.8	50.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.38 ng m

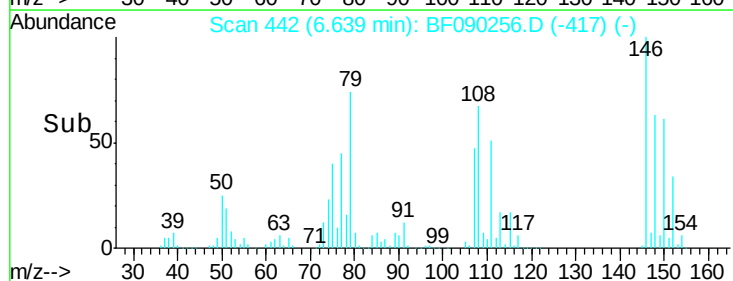
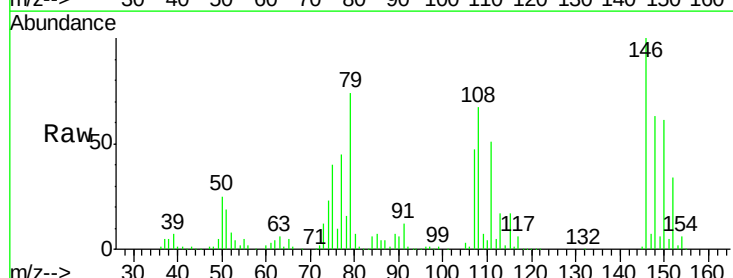
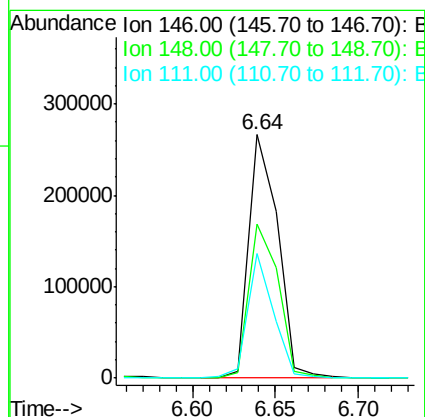
RT: 6.64 min Scan# 442

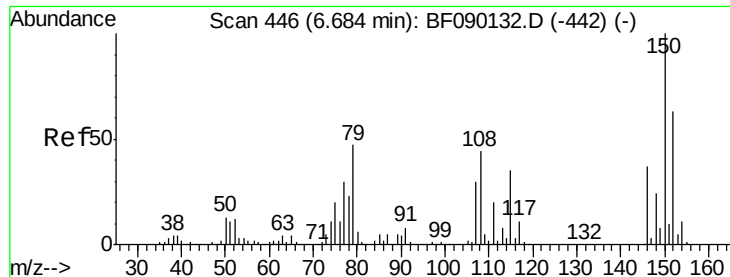
Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	146	Resp:	325321
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.6	79.0
111	51.0	28.2	42.2#





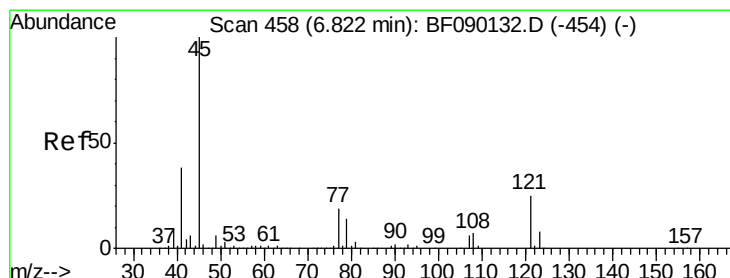
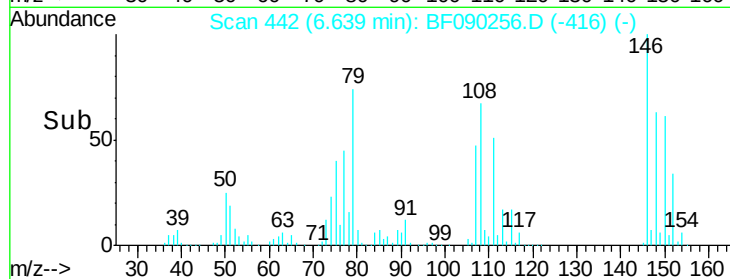
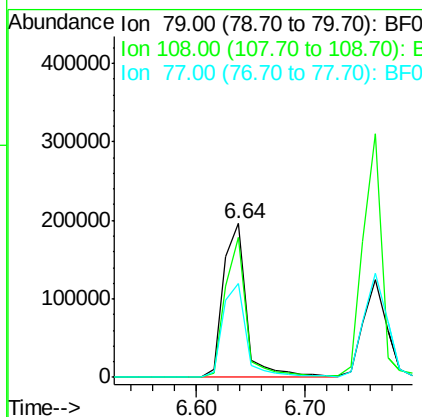
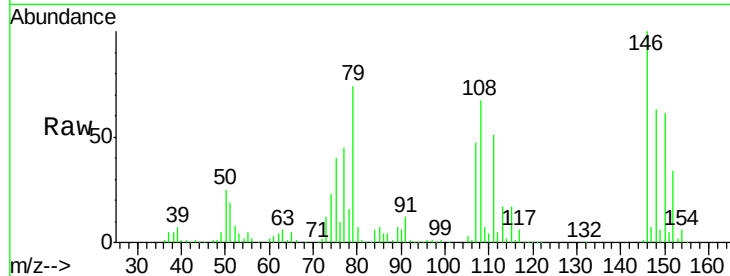
#15
Benzyl Alcohol
Concen: 48.32 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	90.5	62.2	93.4	
77	60.7	51.4	77.0	

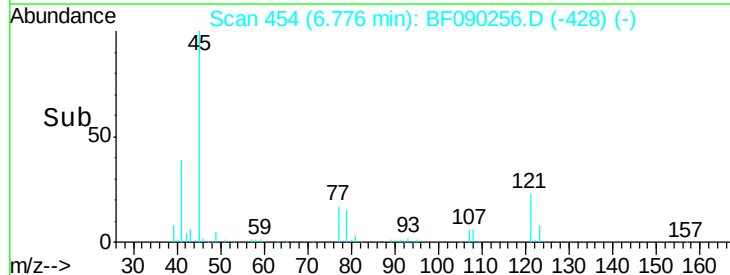
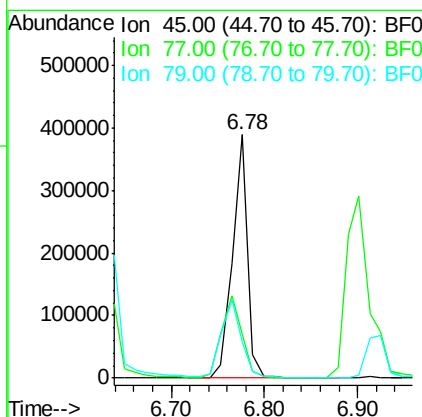
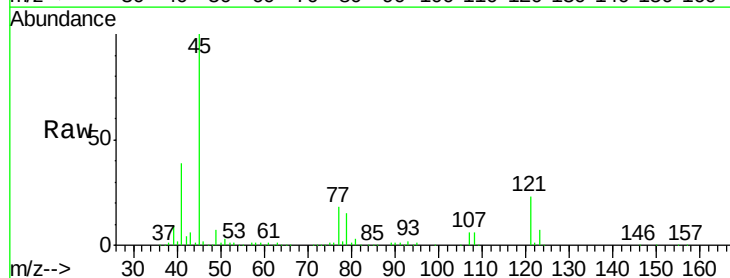
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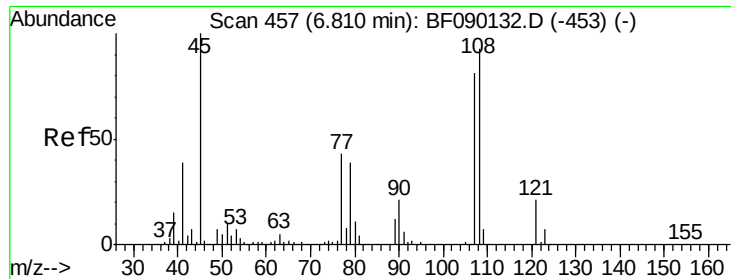
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.23 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.1	0.5	40.5	
79	15.1	0.0	37.0	





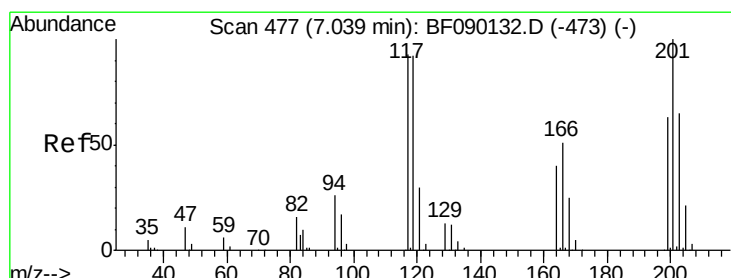
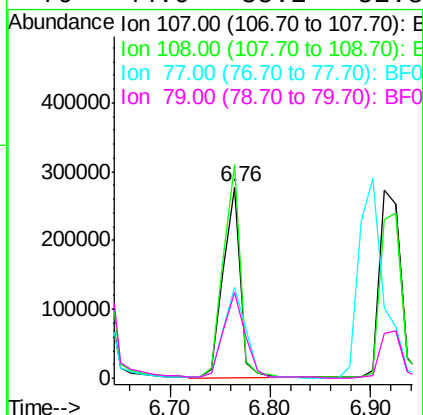
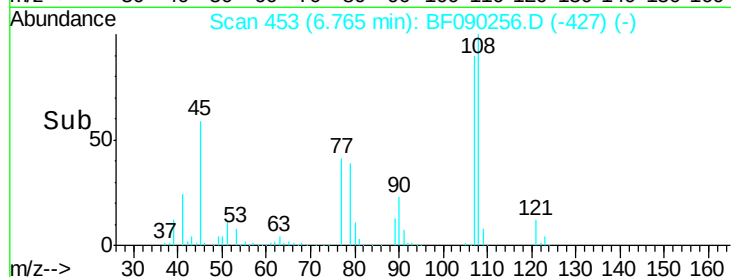
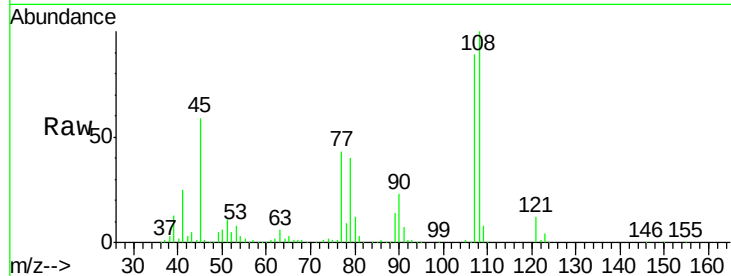
#17
2-Methylphenol
Concen: 44.14 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.0	138.0
77	47.7	35.6	53.4
79	44.9	35.2	52.8

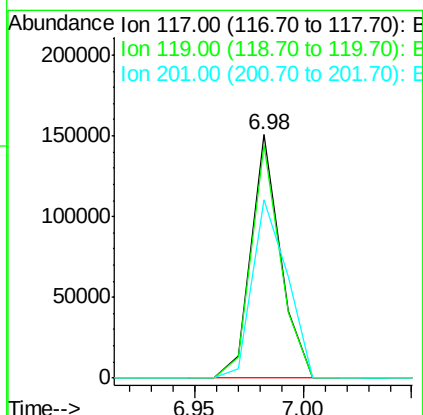
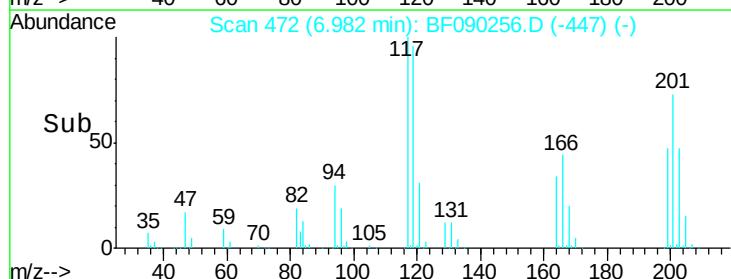
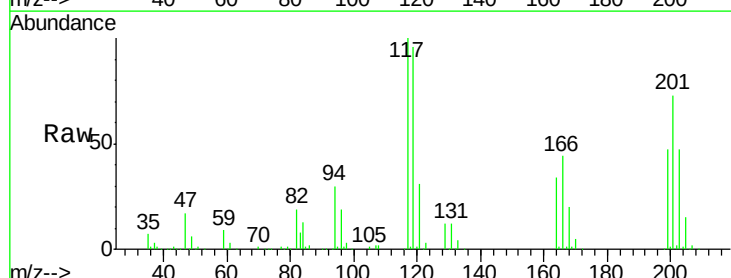
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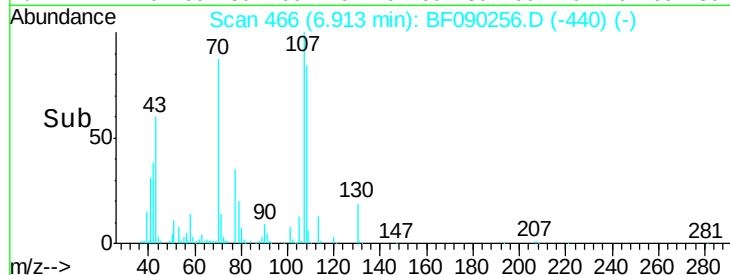
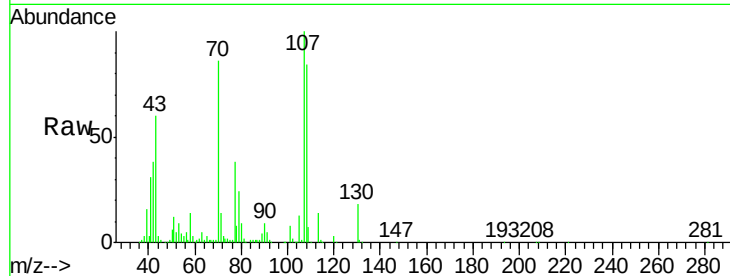
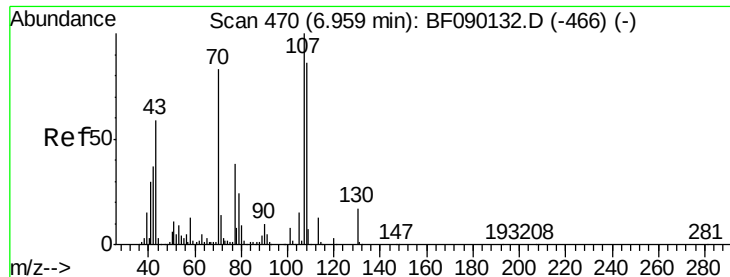
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#18
Hexachloroethane
Concen: 39.35 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	115.0
201	73.5	55.5	83.3





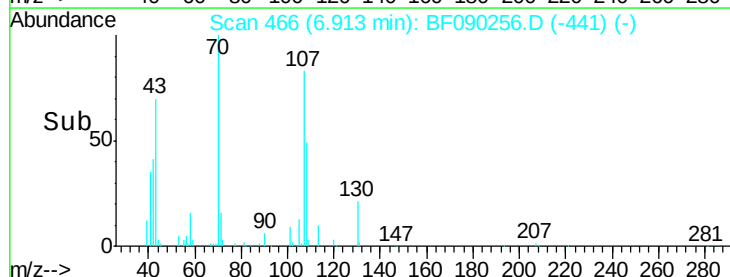
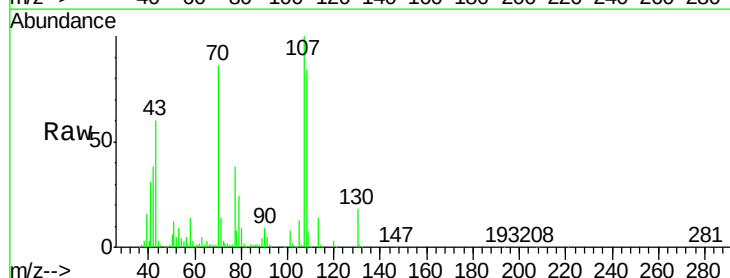
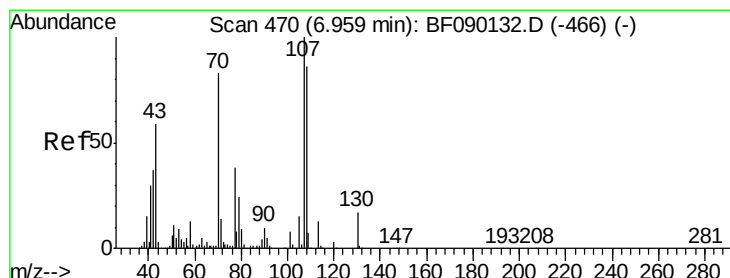
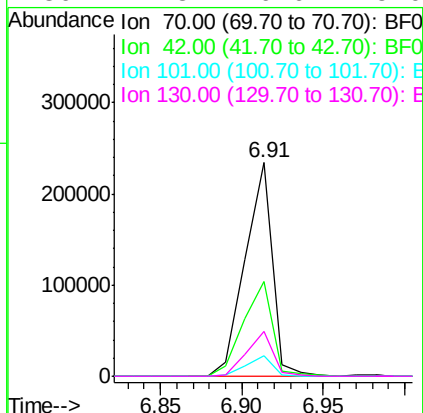
#19
n-Nitroso-di-n-propylamine
Concen: 45.90 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Manual Integrations
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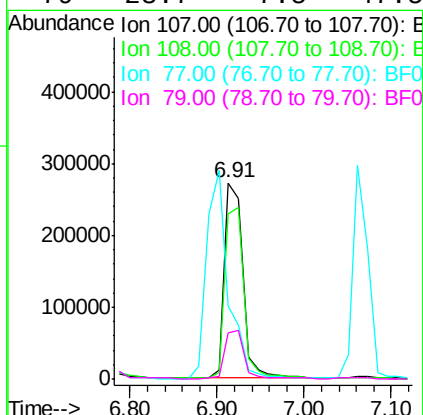
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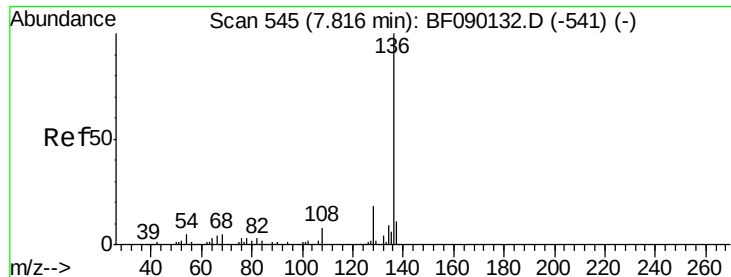
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	35.1	52.7
101	9.6	7.5	11.3
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.77 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	73.3	113.3
77	37.5	14.1	54.1
79	23.7	7.5	47.5





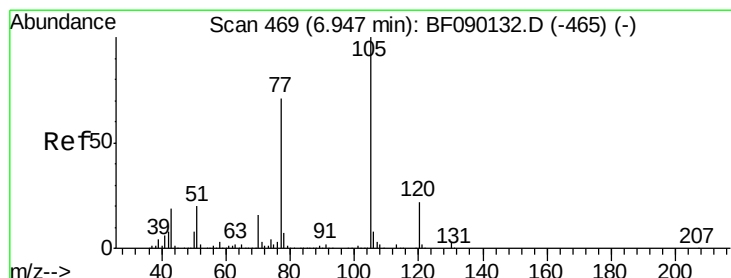
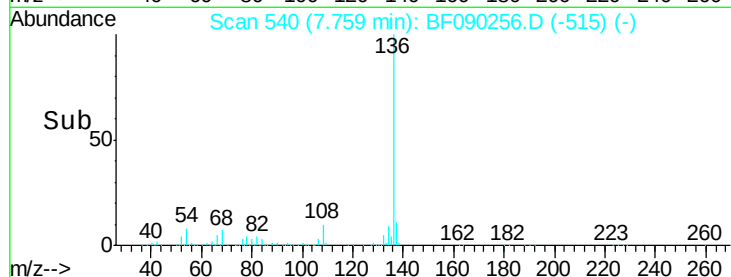
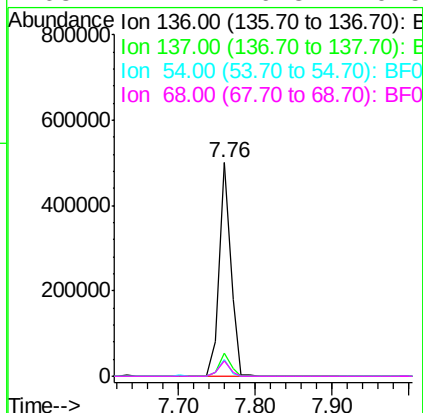
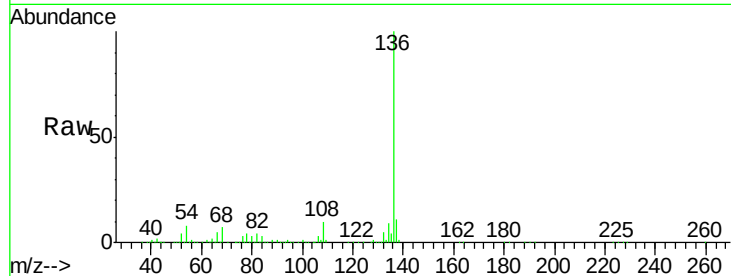
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	530092		
137	11.0		9.0	13.4
54	7.7		6.4	9.6
68	7.4		6.3	9.5

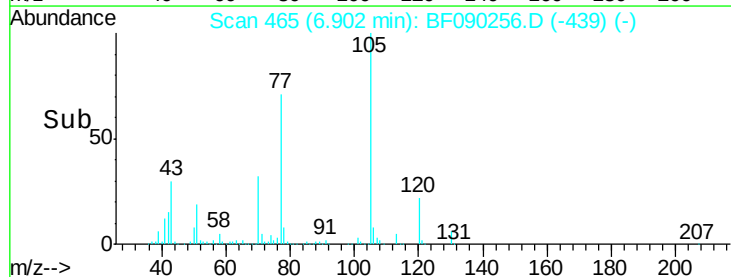
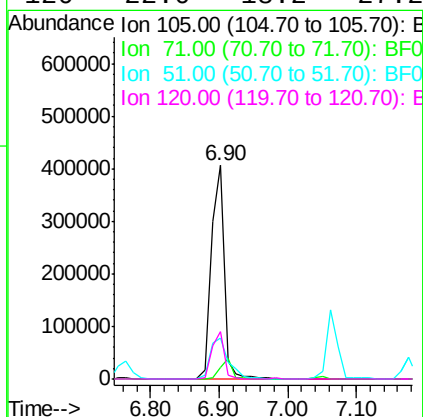
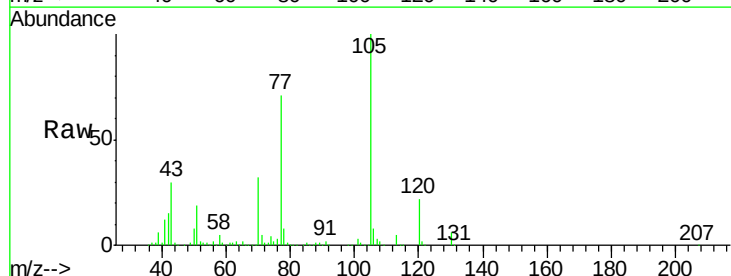
Manual Integrations
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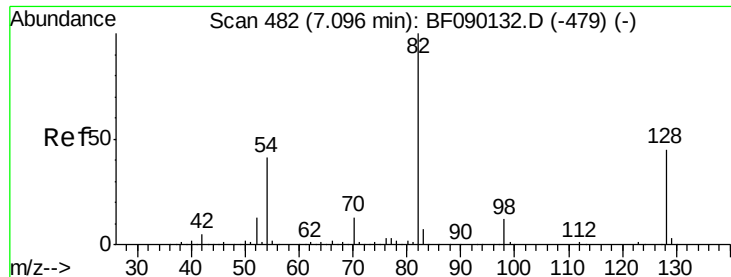
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#22
Acetophenone
Concen: 42.40 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	542036		
71	5.3		4.1	6.1
51	19.3		16.2	24.2
120	22.0		18.2	27.2





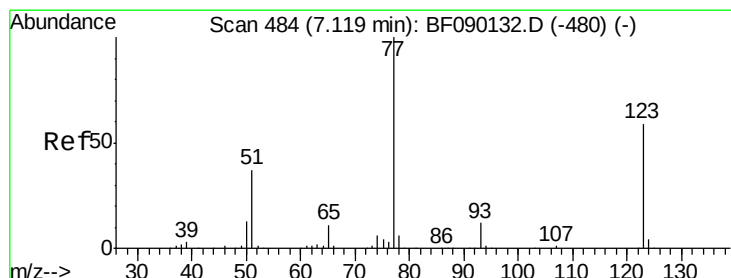
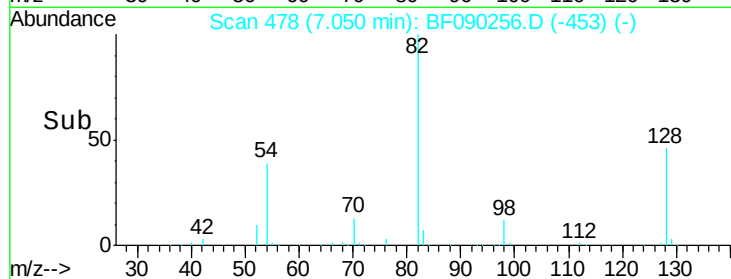
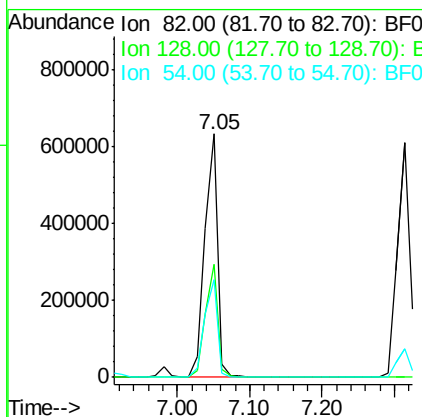
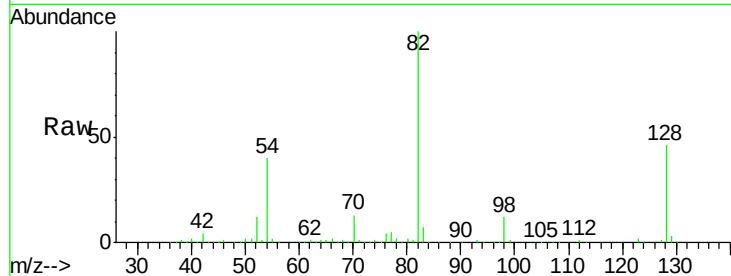
#23
 Nitrobenzene-d5
 Concen: 84.92 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	776538		
128	46.2		37.5	56.3
54	40.4		31.9	47.9

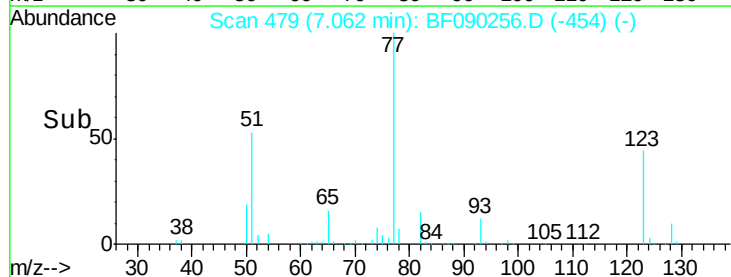
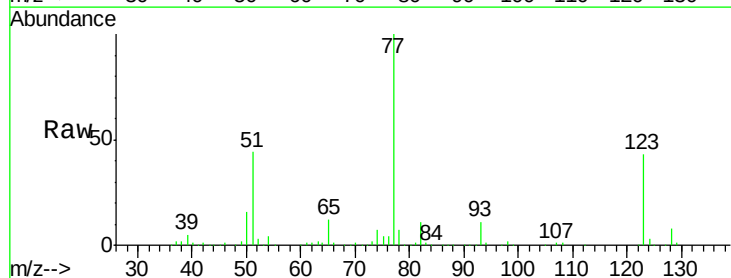
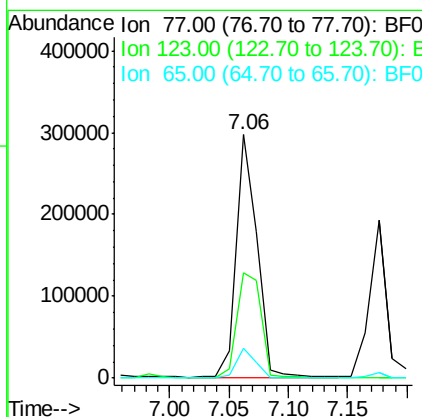
Manual Integrations
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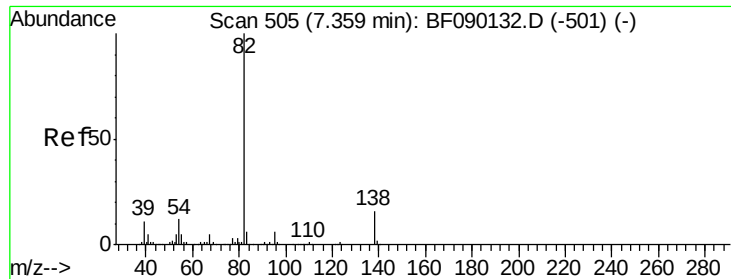
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#24
 Nitrobenzene
 Concen: 37.79 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	360108		
123	43.3		33.4	50.2
65	12.5		10.1	15.1





#25

Isophorone

Concen: 38.97 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

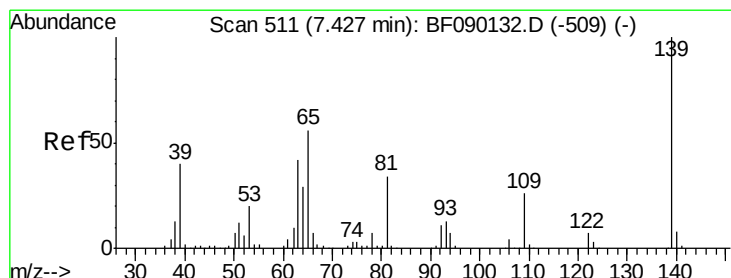
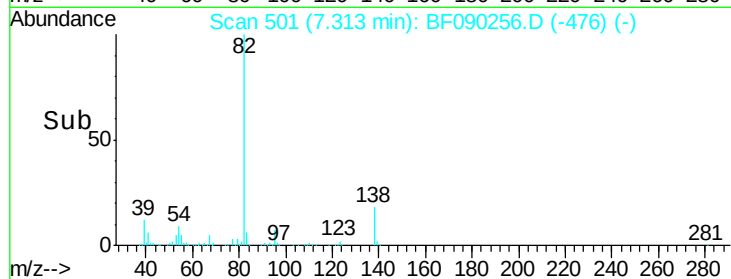
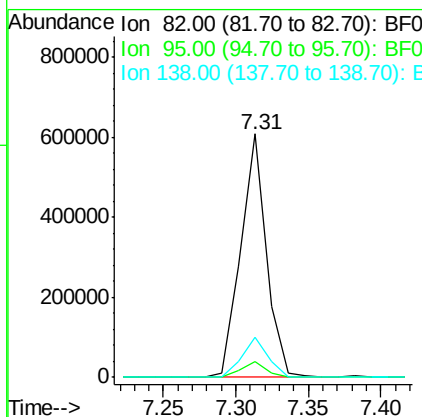
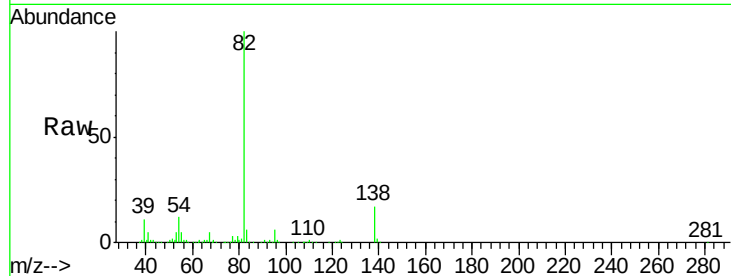
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	82	Resp:	744515
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.1	7.7
138	16.6	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.36 ng

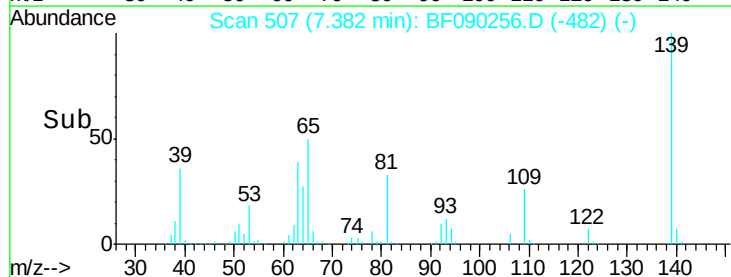
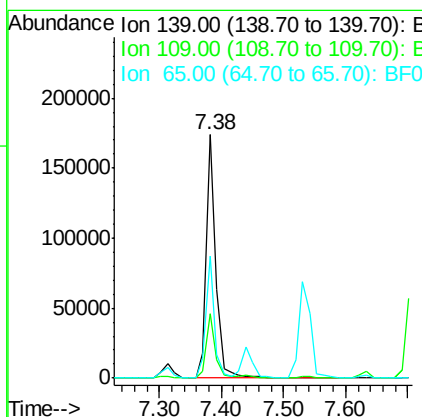
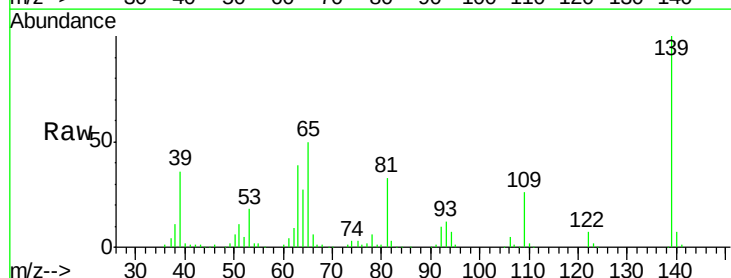
RT: 7.38 min Scan# 507

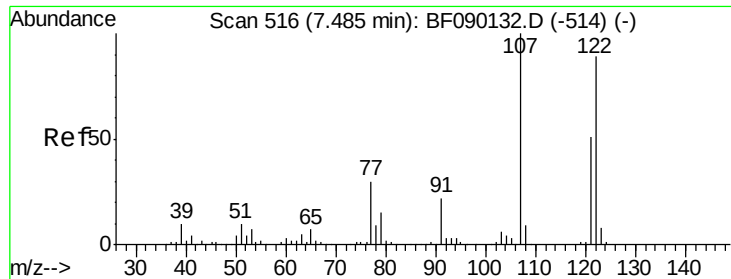
Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	139	Resp:	189366
Ion Ratio	Lower	Upper	
139	100		
109	26.4	20.5	30.7
65	50.3	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 40.03 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

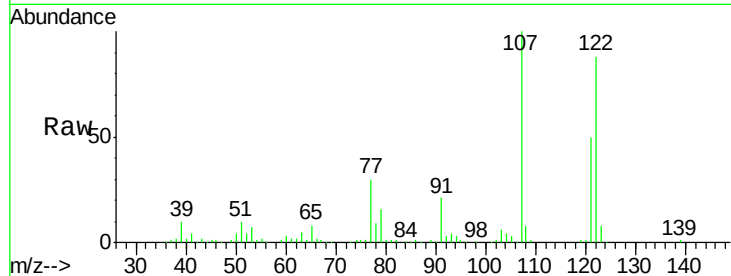
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	122	Resp:	333715
Ion Ratio	Lower	Upper	
122	100		
107	113.1	87.8	131.6
121	56.0	45.7	68.5

Manual Integrations
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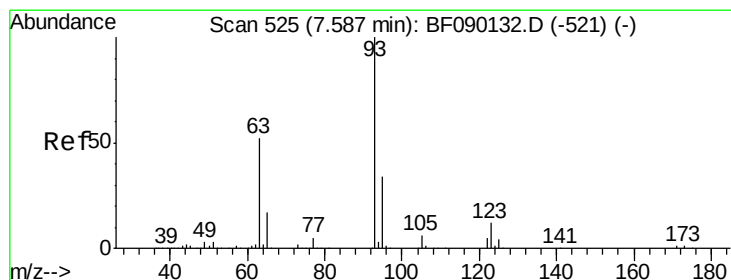
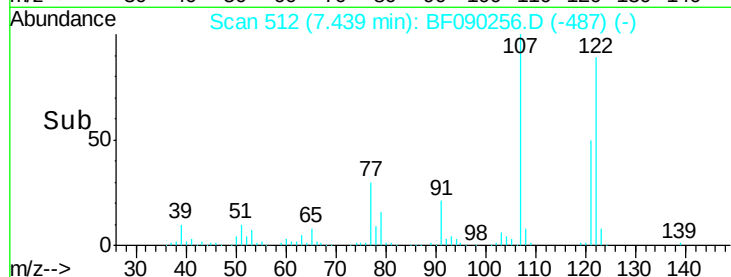
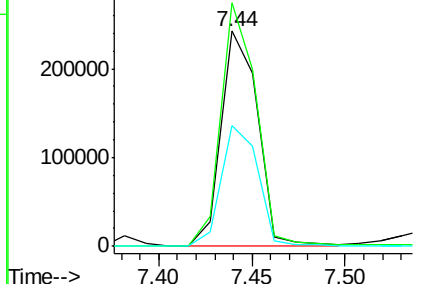
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.37 ng

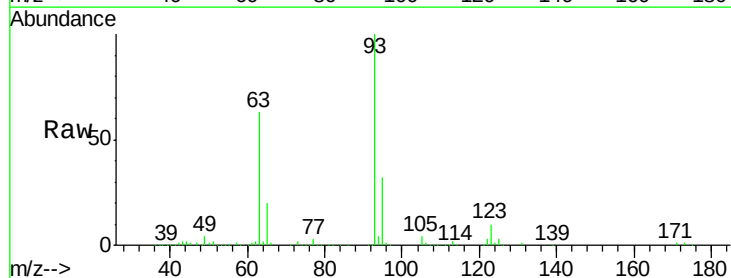
RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

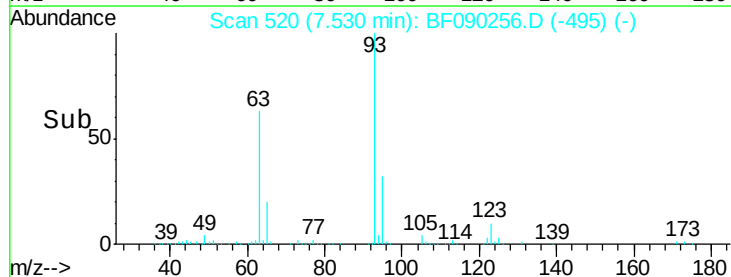
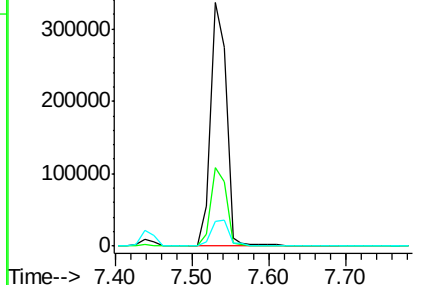
Tgt Ion:	93	Resp:	478120
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.8	40.2
123	10.1	8.5	12.7

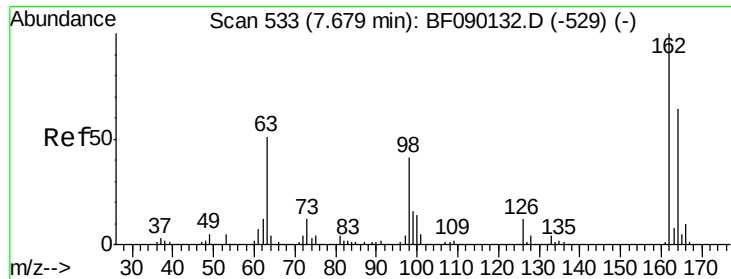


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





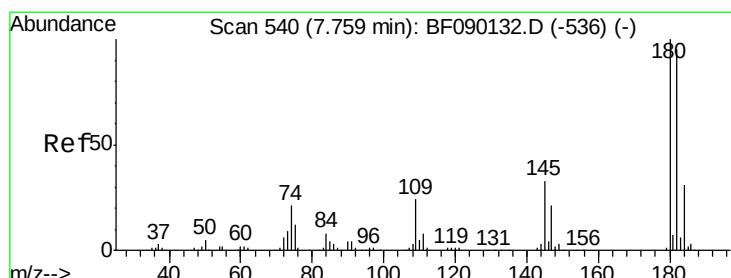
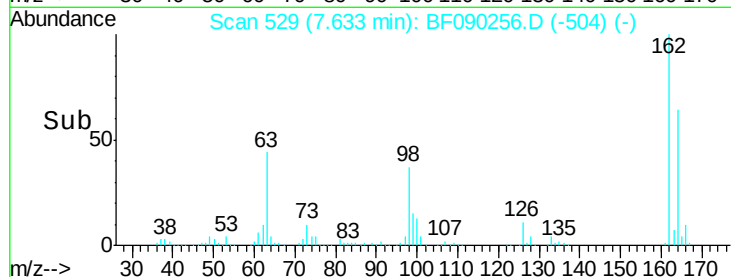
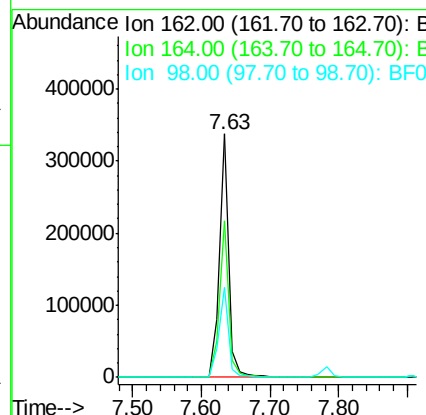
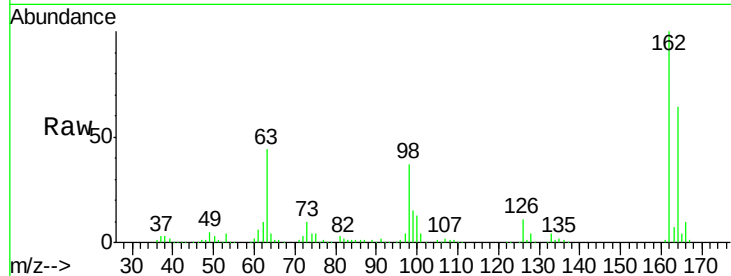
#29
 2,4-Dichlorophenol
 Concen: 45.00 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	46.2	86.2	
98	37.0	10.4	50.4	

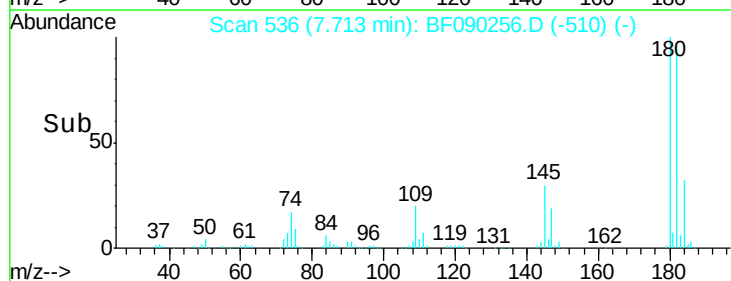
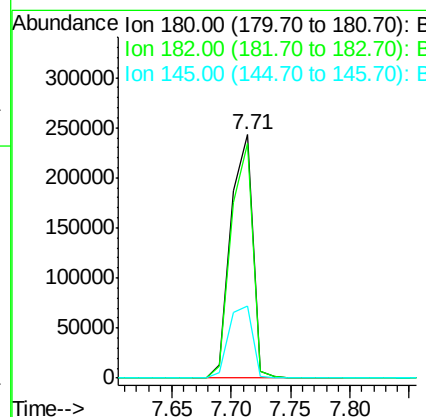
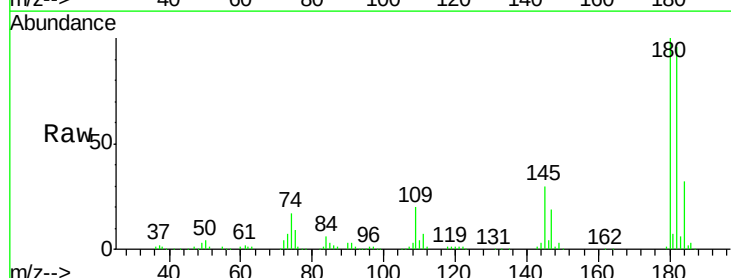
Manual Integrations
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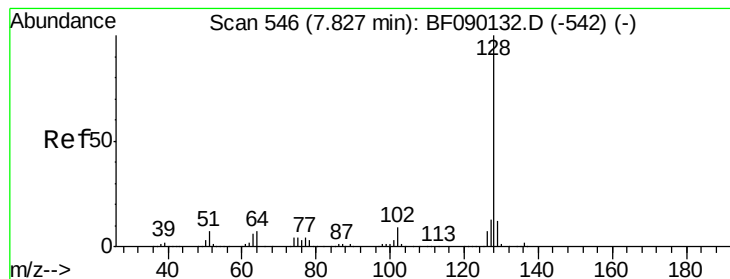
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.57 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	75.0	112.6	
145	29.8	28.6	42.8	





#31

Naphthalene

Concen: 40.94 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

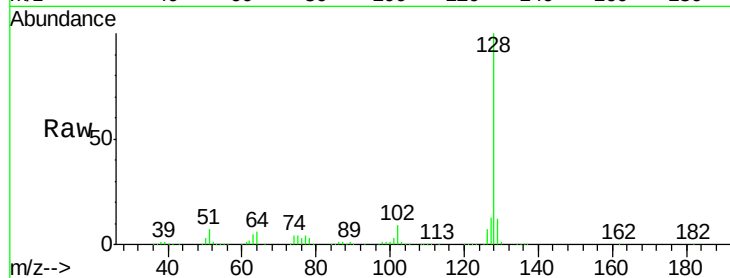
ClientSampled :

B5-15-15.5MSD

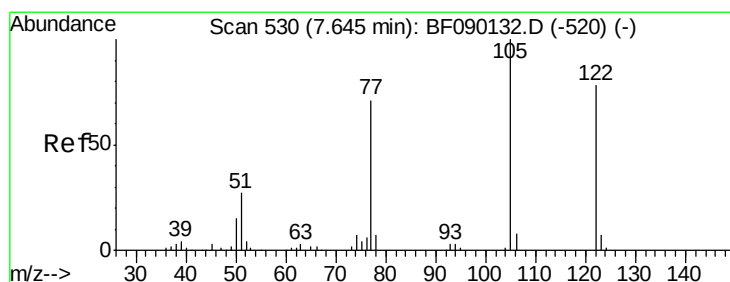
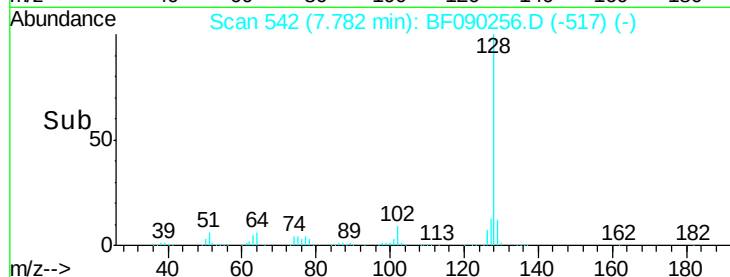
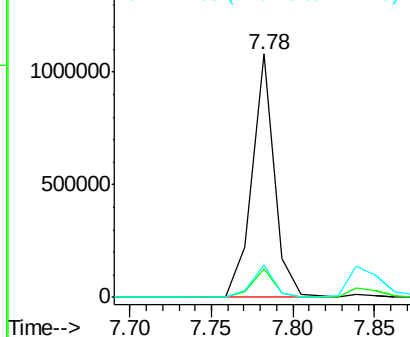
Tot Ion:128	Resp: 1033257
Ion Ratio	Lower Upper
128 100	
129 11.5	9.3 13.9
127 13.4	10.8 16.2

Manual Integrations
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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: 14.00 ng

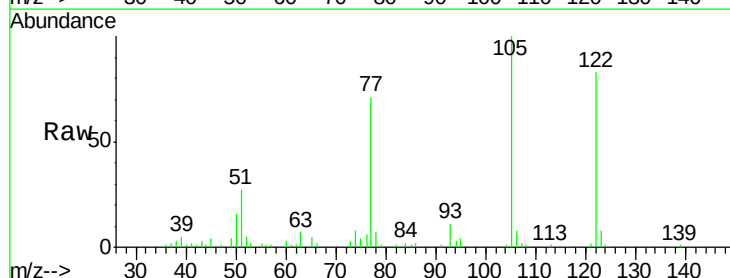
RT: 7.56 min Scan# 523

Delta R.T. -0.03 min

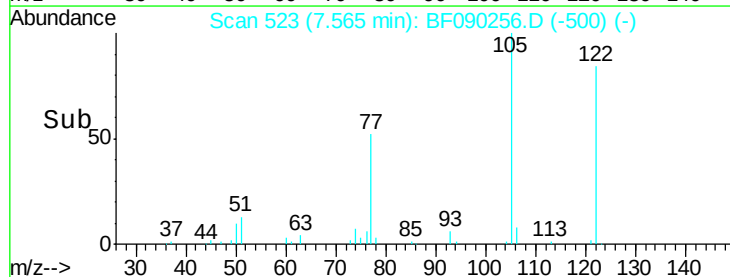
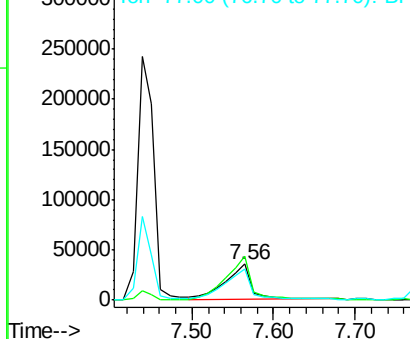
Lab File: BF090256.D

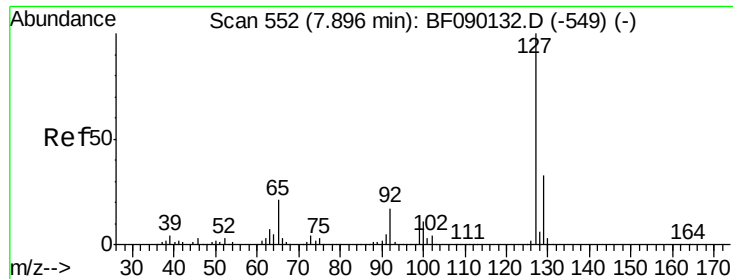
Acq: 27 Sep 2016 17:16

Tgt Ion:122	Resp: 80131
Ion Ratio	Lower Upper
122 100	
105 120.8	105.0 145.0
77 85.7	70.4 110.4



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





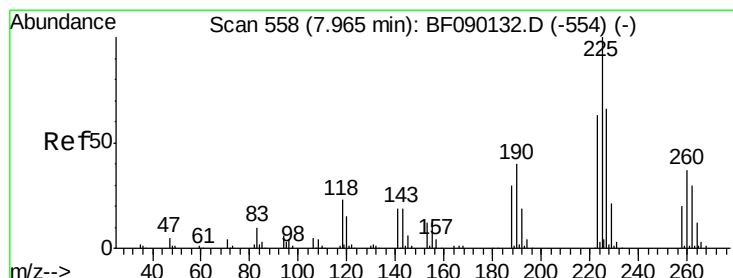
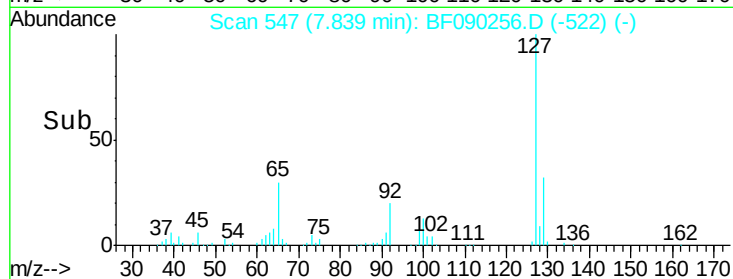
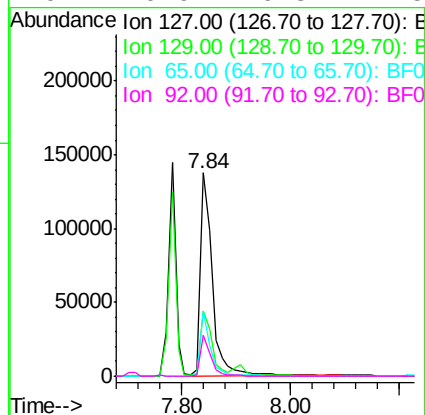
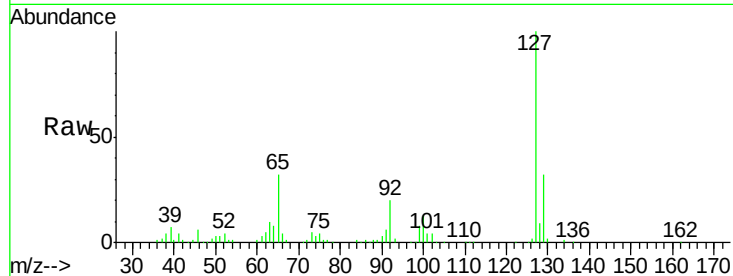
#33
4-Chloroaniline
Concen: 19.85 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.6		
65	31.8	24.1	36.1		
92	19.9	16.3	24.5		

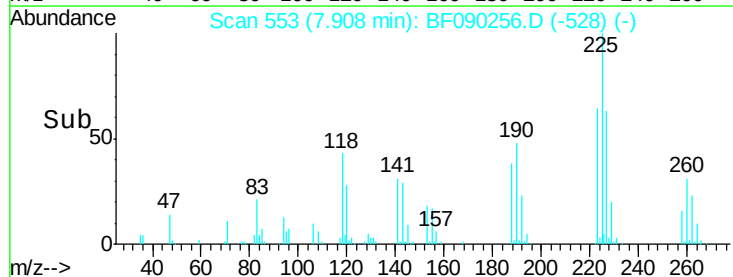
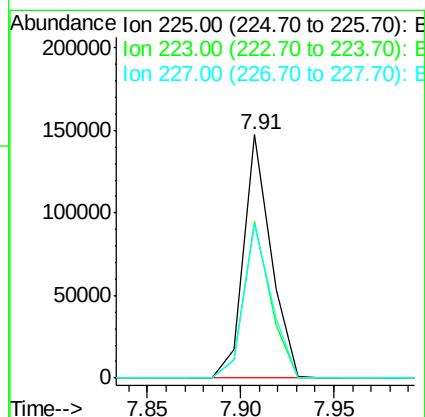
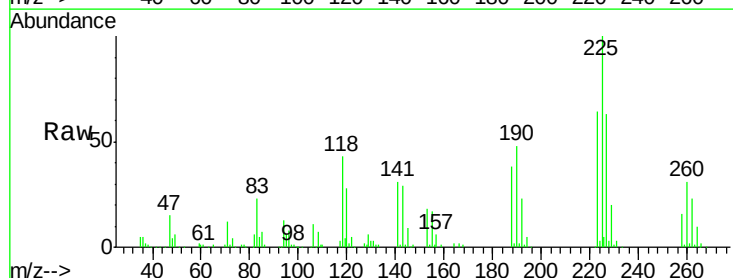
Manual Integrations
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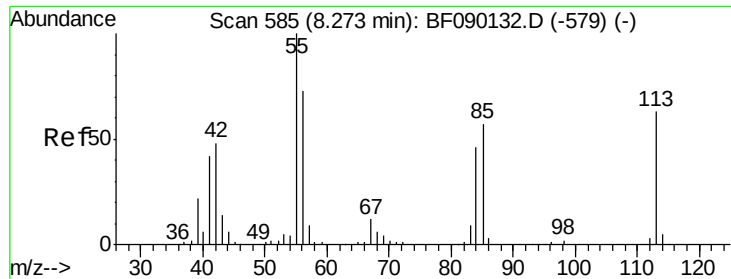
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#34
Hexachlorobutadiene
Concen: 38.99 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	51.3	76.9		
227	63.2	51.4	77.0		





#35

Caprolactam

Concen: 48.53 ng/ml

RT: 8.22 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

ClientSampleId :

B5-15-15.5MSD

Tot Ion:113 Resp: 117439

Ion Ratio Lower Upper

113 100

55 160.0 134.5 174.5

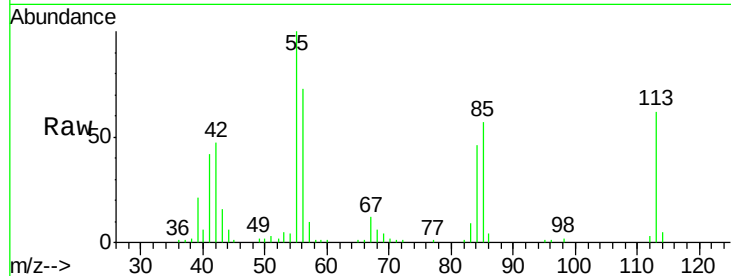
56 117.2 93.7 133.7

Manual Integrations

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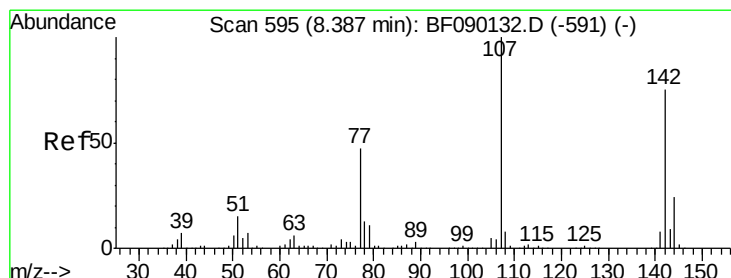
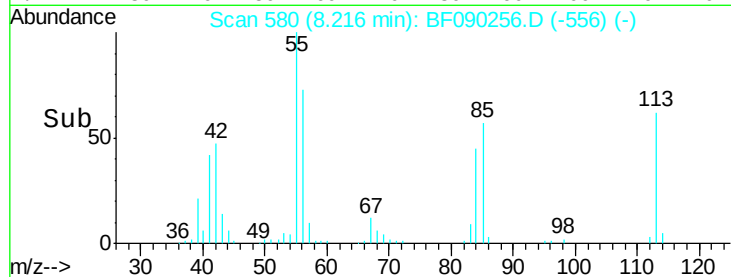
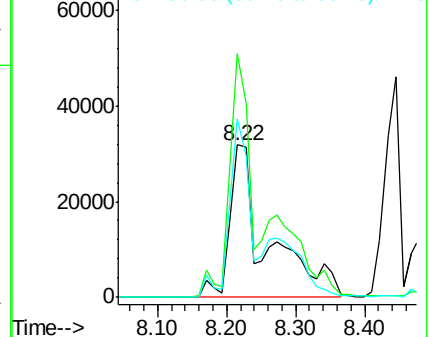
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.41 ng/ml

RT: 8.34 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

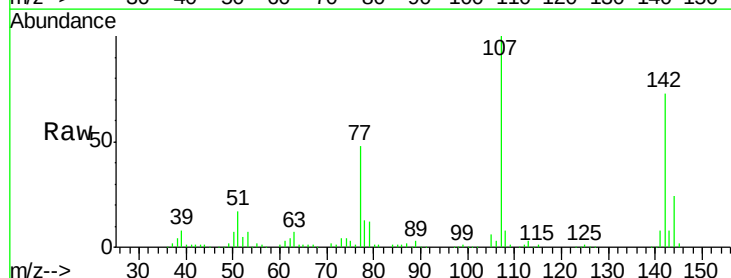
Tgt Ion:107 Resp: 342222

Ion Ratio Lower Upper

107 100

144 23.7 18.6 27.8

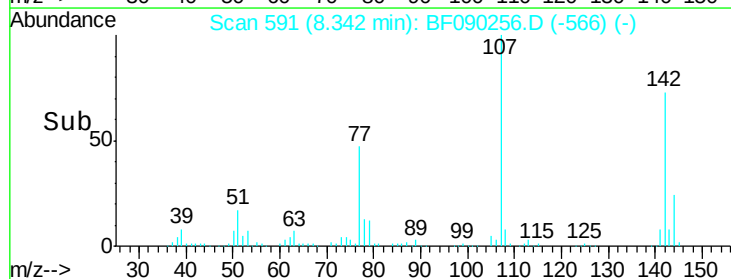
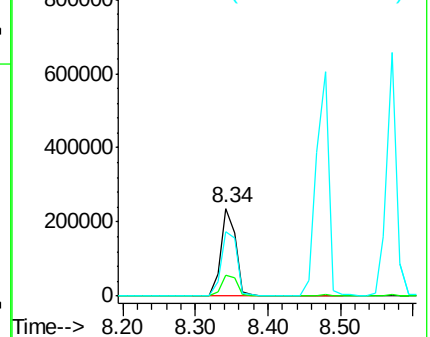
142 73.4 57.0 85.6

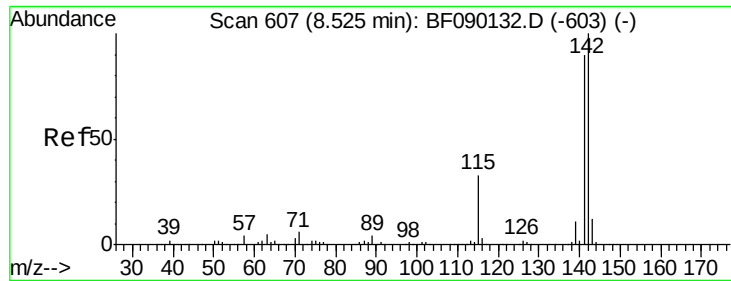


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





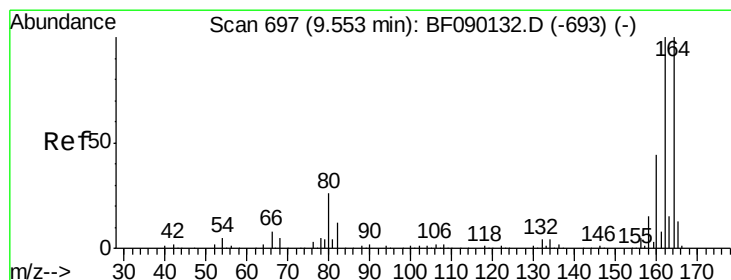
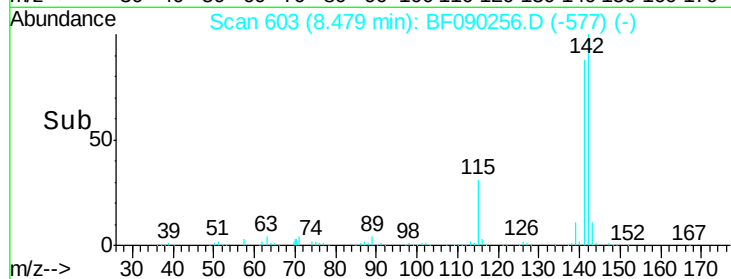
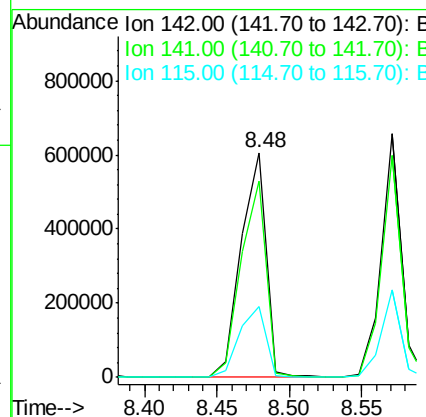
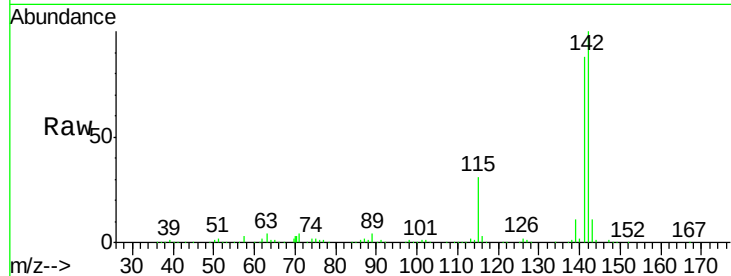
#37
2-Methylnaphthalene
Concen: 46.12 ng
RT: 8.48 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.2
115	31.2	28.3	42.5

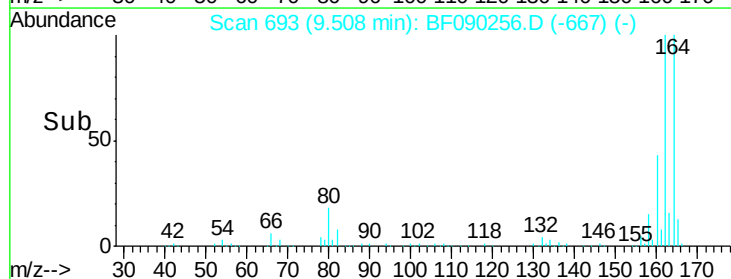
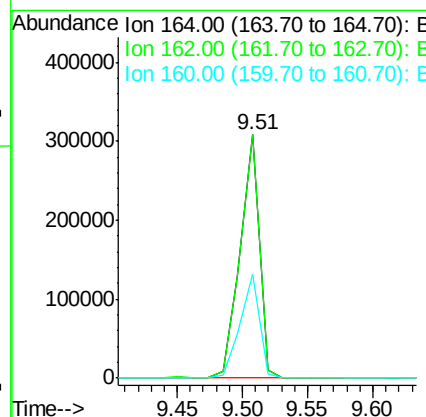
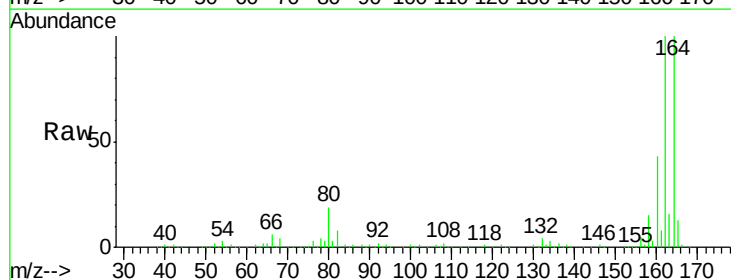
Manual Integrations
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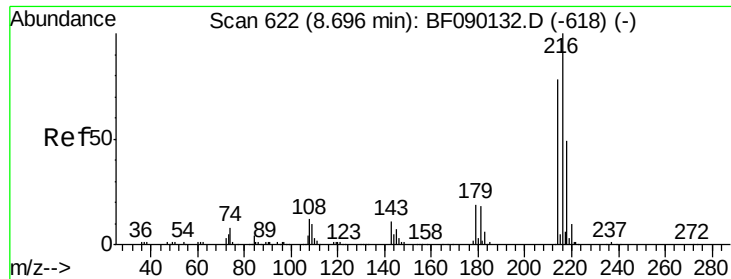
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.2
160	42.9	36.6	54.8





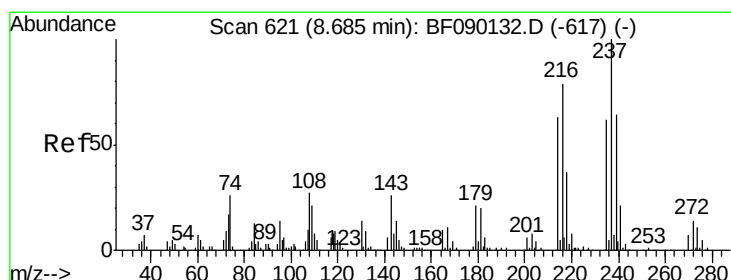
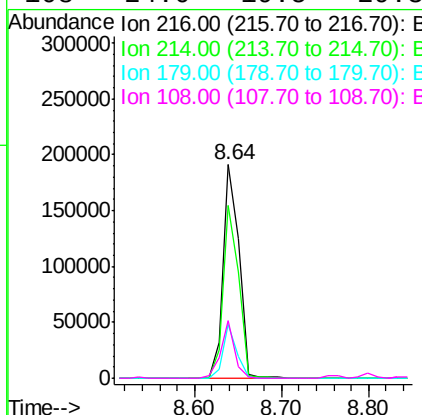
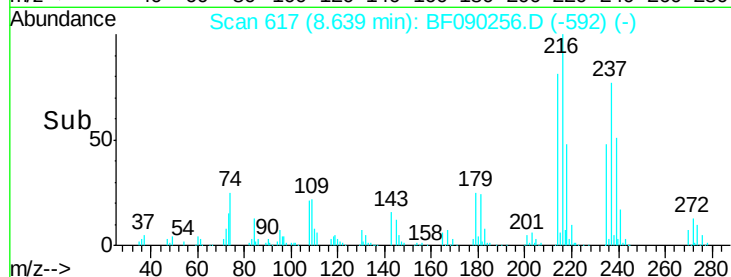
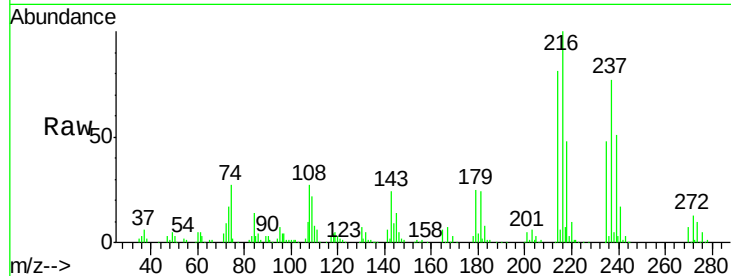
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.75 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		243714		
214	79.0		63.7	95.5	
179	21.9		18.5	27.7	
108	24.0		19.5	29.3	

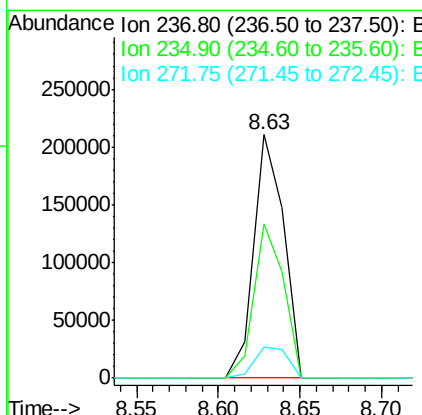
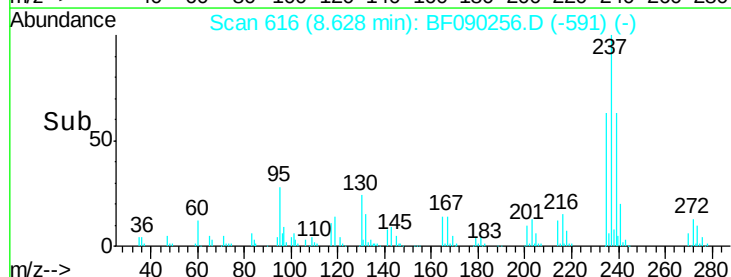
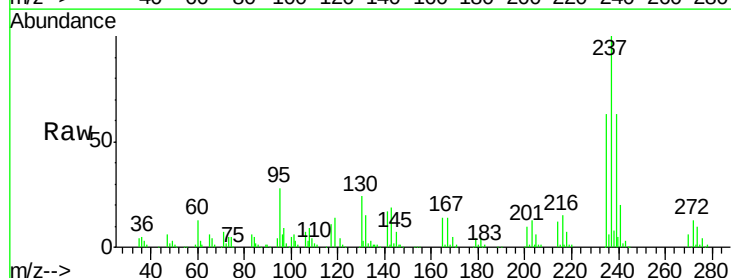
Manual Integrations
 APPROVED

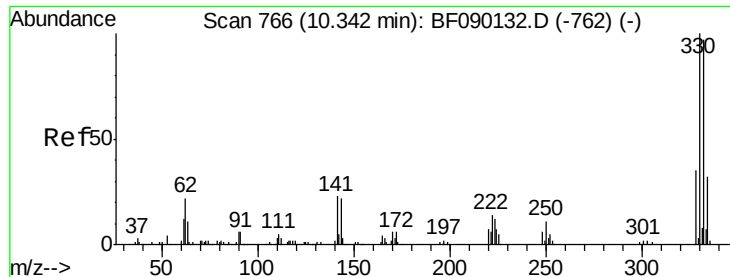
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#40
 Hexachlorocyclopentadiene
 Concen: 75.26 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		268156		
235	63.1		42.5	82.5	
272	12.6		0.0	32.0	





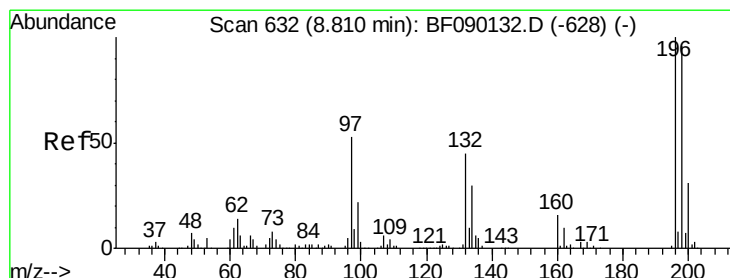
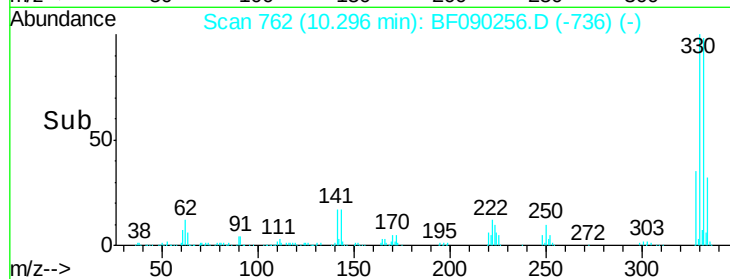
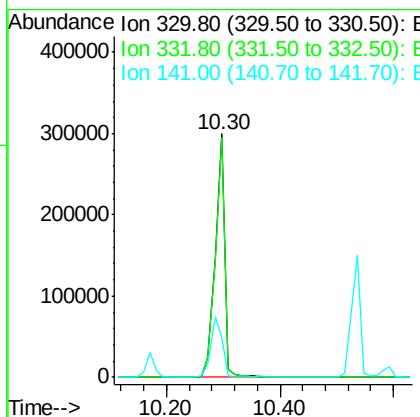
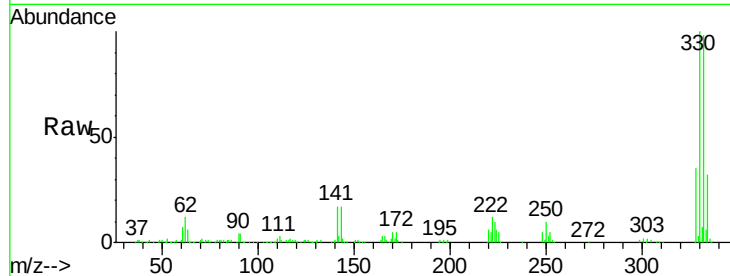
#41
 2,4,6-Tribromophenol
 Concen: 126.41 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	341136		
332	97.4	78.1	117.1	
141	29.5	23.9	35.9	

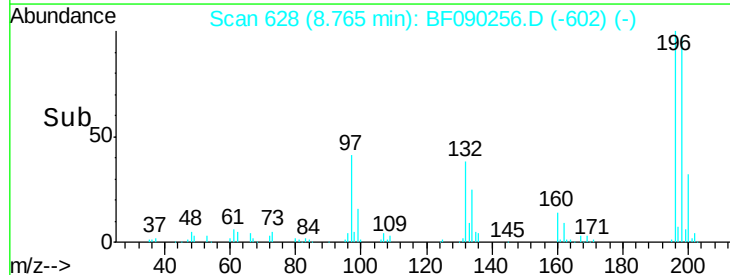
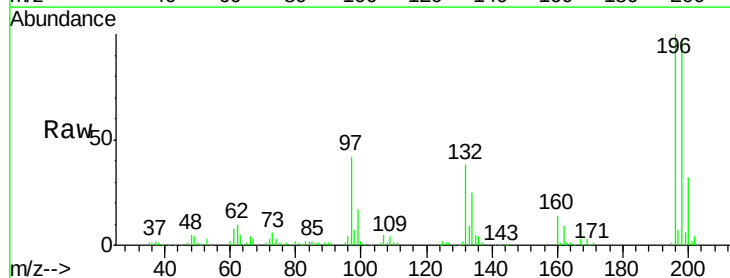
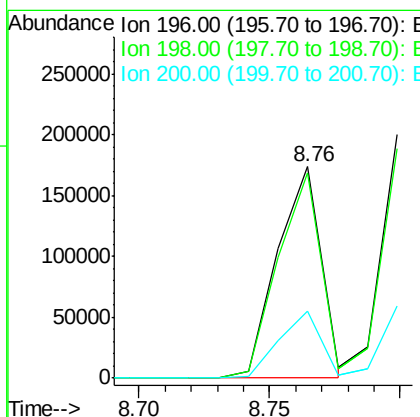
Manual Integrations
 APPROVED

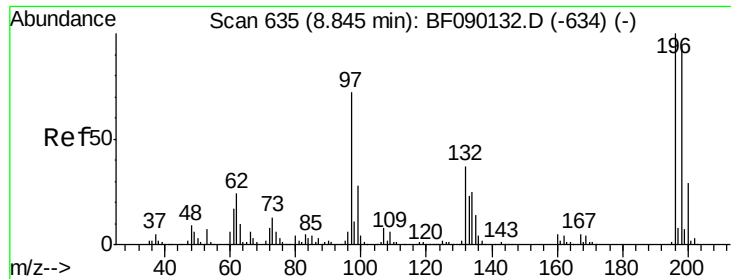
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#42
 2,4,6-Trichlorophenol
 Concen: 39.36 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202528		
198	97.0	76.3	114.5	
200	31.9	24.1	36.1	





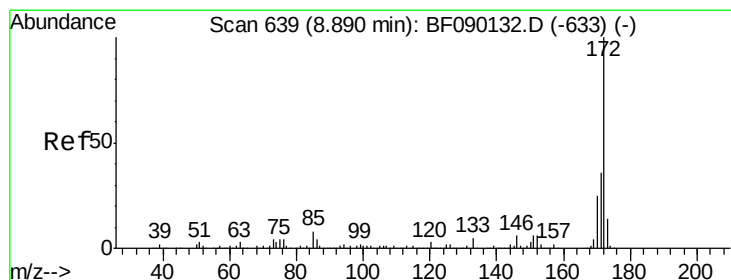
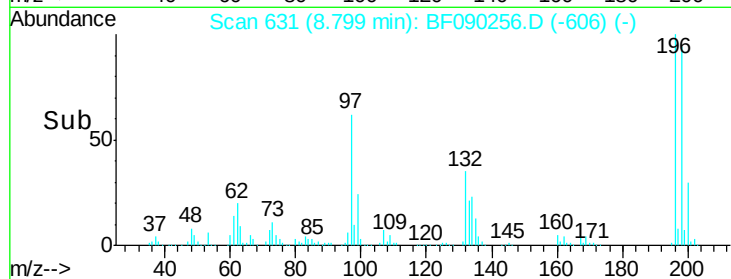
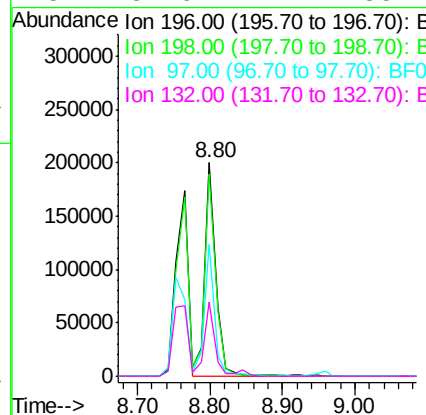
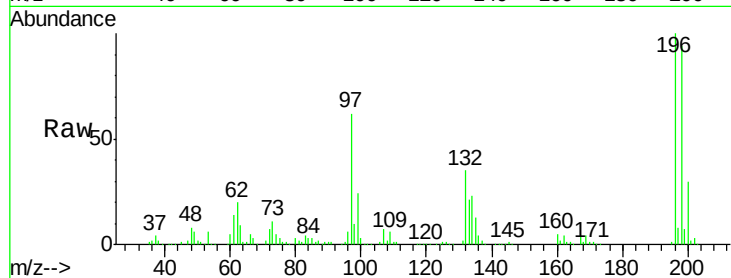
#43
 2,4,5-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212678		
198	94.5	76.6	114.8	
97	61.7	34.4	51.6	
132	34.6	22.2	33.2	

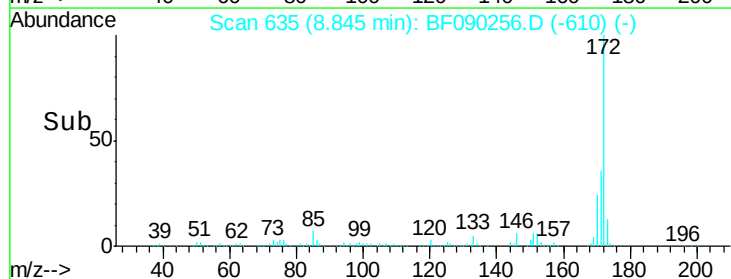
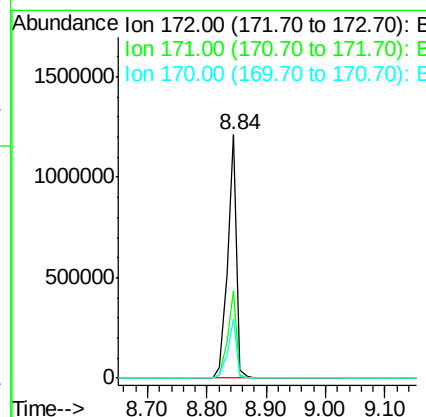
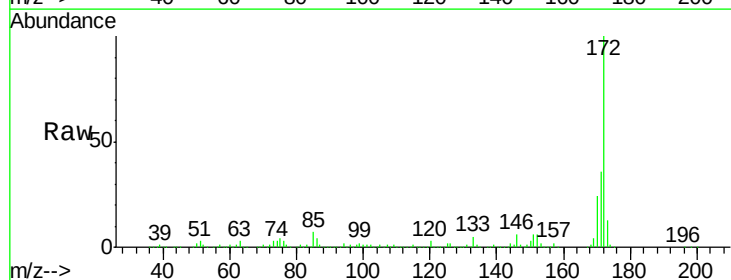
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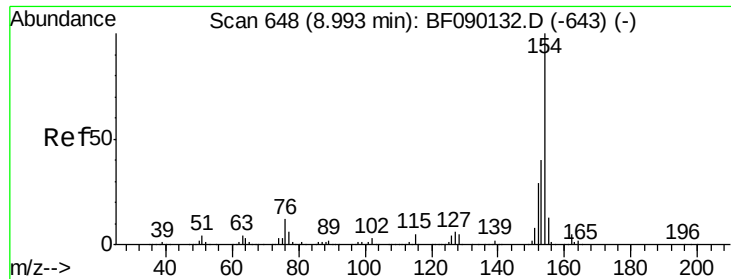
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#44
 2-Fluorobiphenyl
 Concen: 78.84 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1263215		
171	36.0	29.2	43.8	
170	24.3	19.8	29.8	





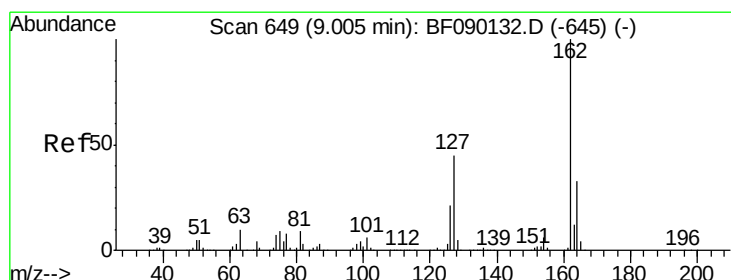
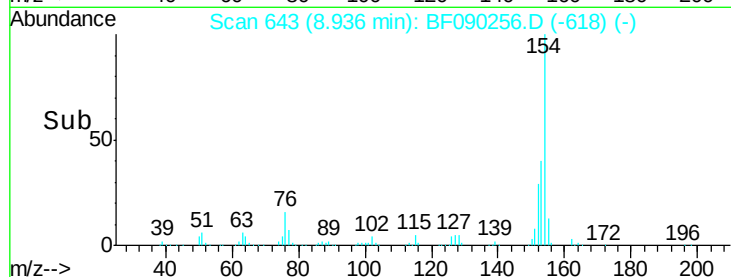
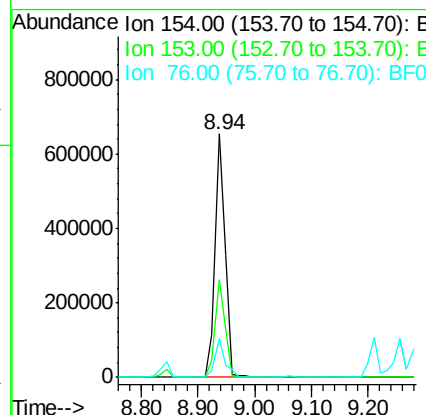
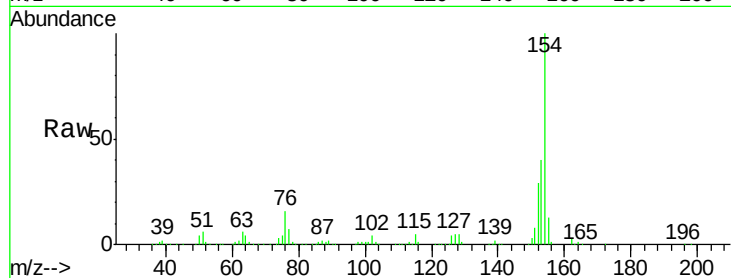
#45
 1,1'-Biphenyl
 Concen: 34.30 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	15.9	0.0	36.7

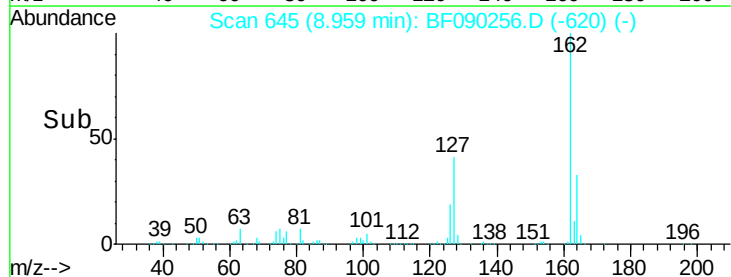
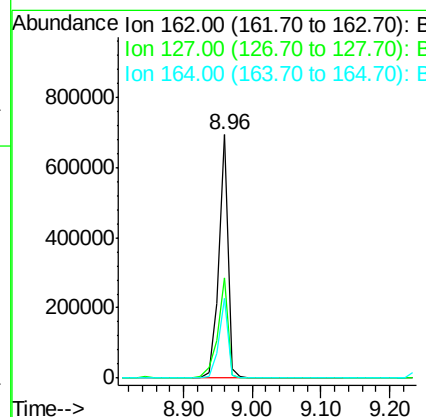
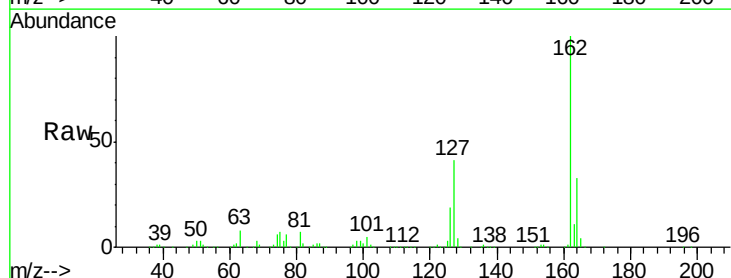
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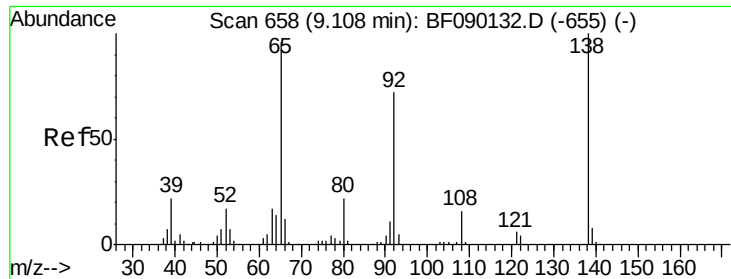
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#46
 2-Chloronaphthalene
 Concen: 39.93 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.0	51.0
164	33.0	26.8	40.2





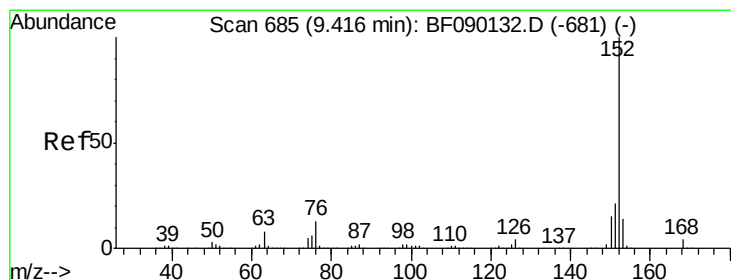
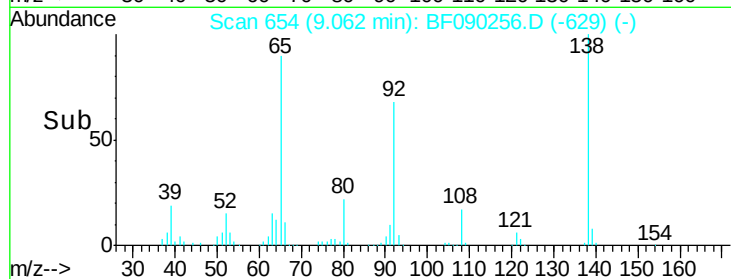
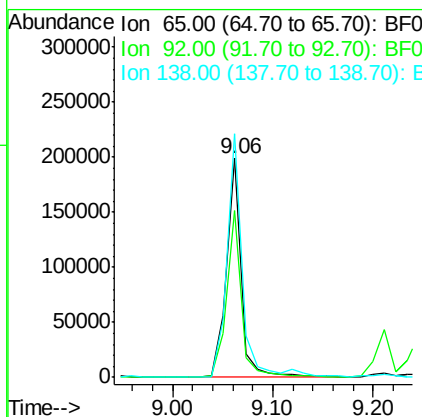
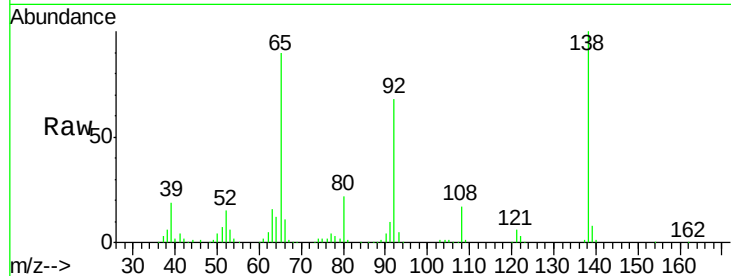
#47
2-Nitroaniline
Concen: 41.17 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.1	66.1	99.1
138	111.2	104.1	156.1

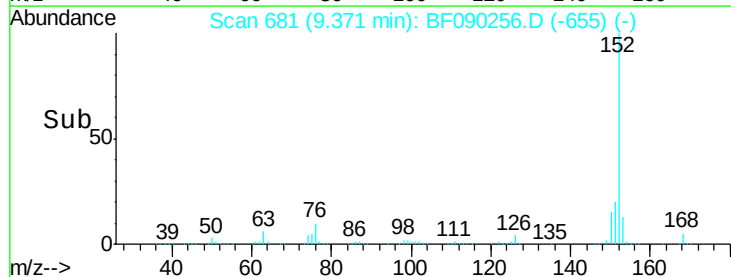
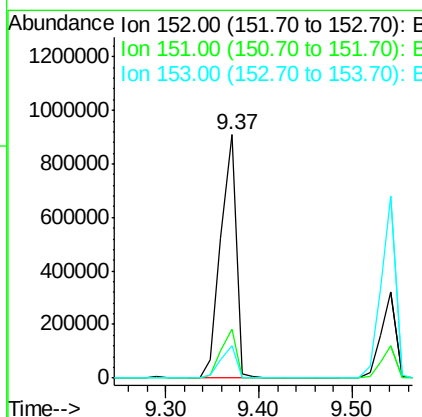
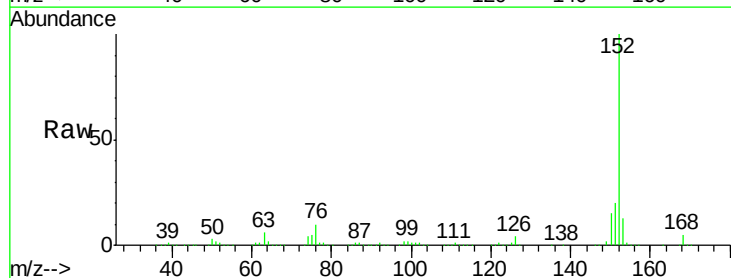
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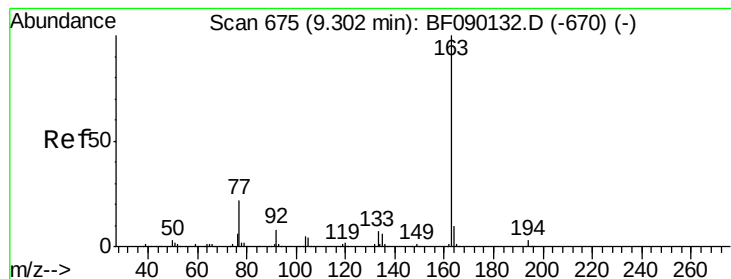
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#48
Acenaphthylene
Concen: 38.86 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	13.2	10.6	15.8





#49

Dimethylphthalate

Concen: 56.89 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

ClientSampleId :

B5-15-15.5MSD

Tot Ion:163 Resp: 1139883

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

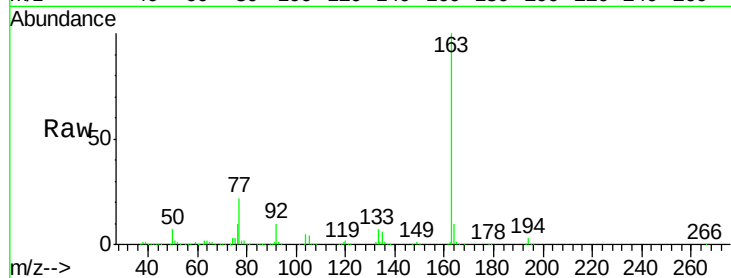
164 10.5 8.1 12.1

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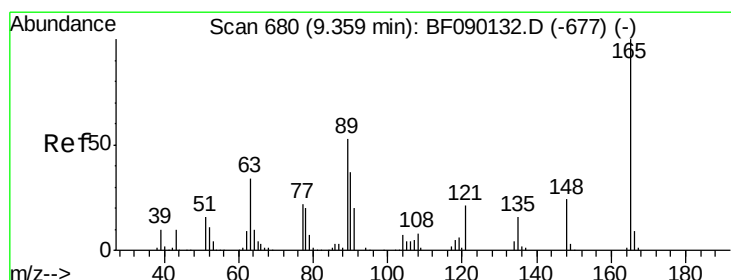
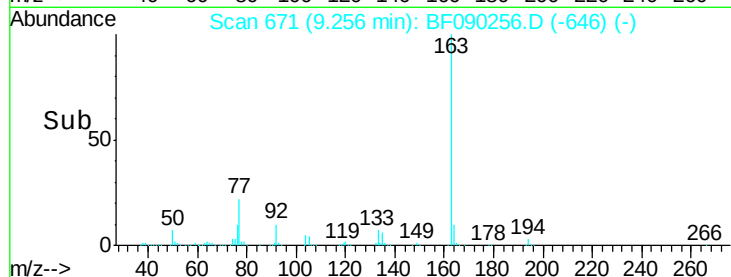
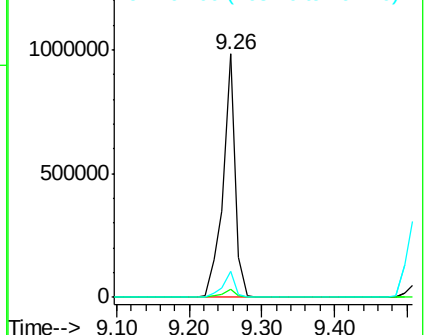
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.41 ng

RT: 9.31 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

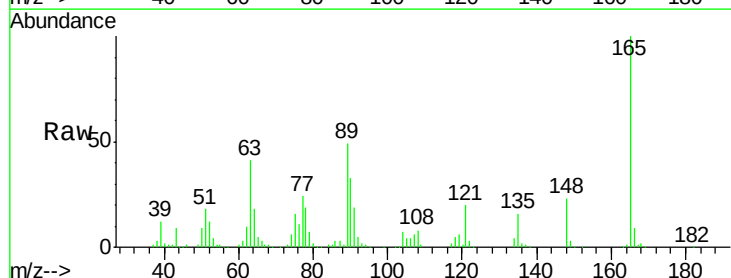
Tgt Ion:165 Resp: 193825

Ion Ratio Lower Upper

165 100

63 40.8 49.9 74.9#

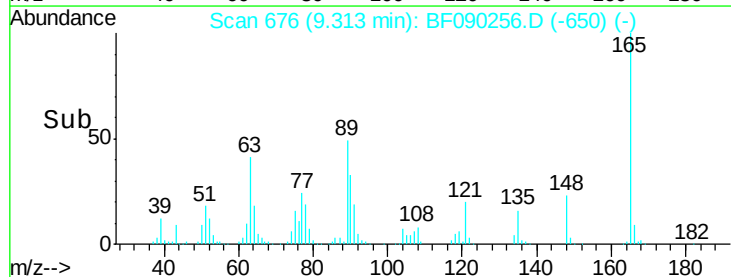
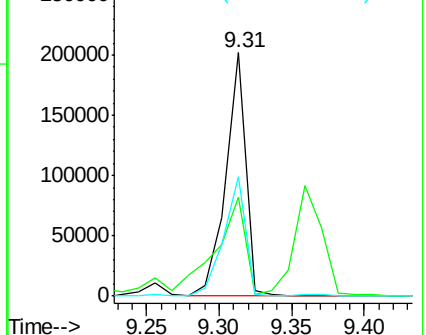
89 49.3 51.0 76.4#

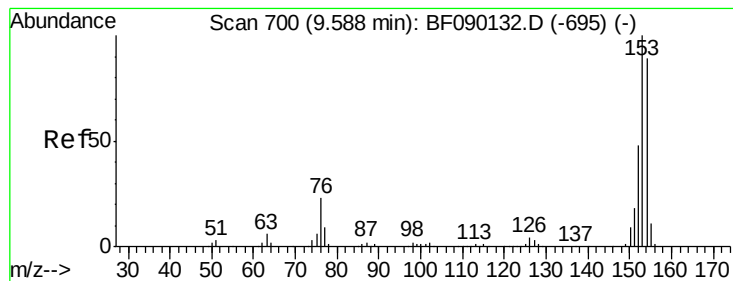


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.72 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

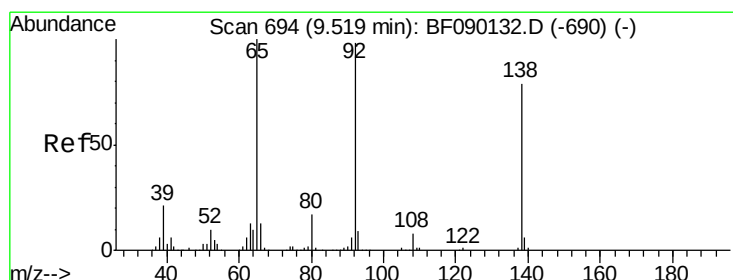
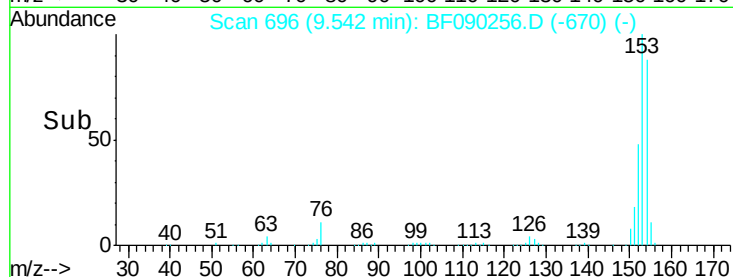
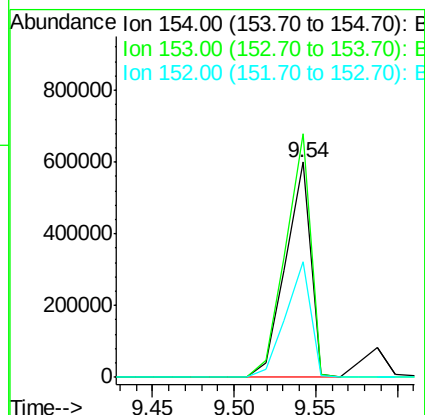
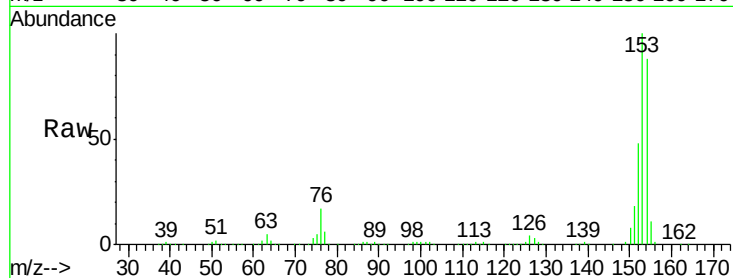
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	154	Resp:	651748
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.8	136.2
152	53.8	44.2	66.4

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#52

3-Nitroaniline

Concen: 25.91 ng

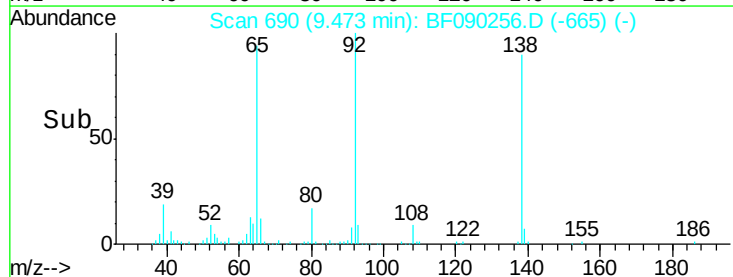
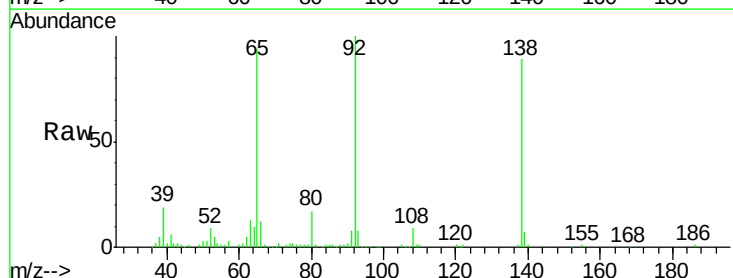
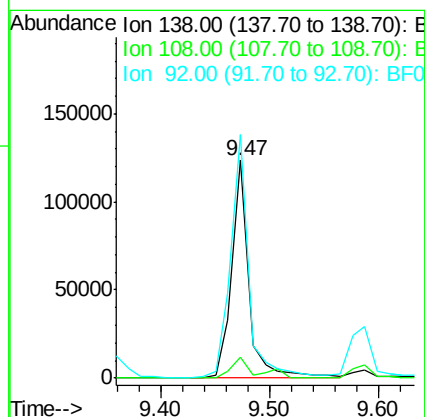
RT: 9.47 min Scan# 690

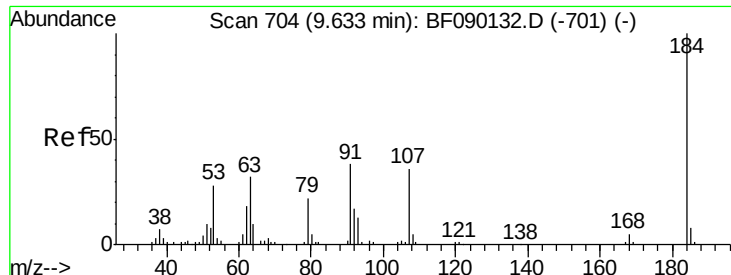
Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	138	Resp:	135631
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.8	11.6
92	111.7	90.7	136.1





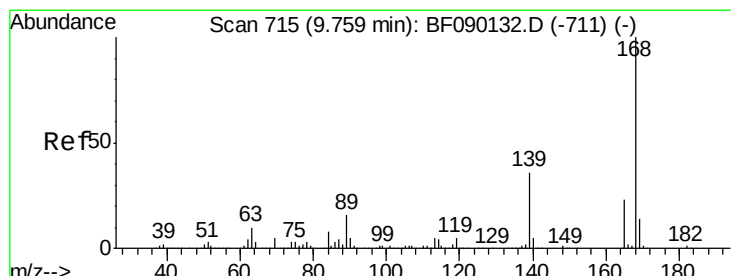
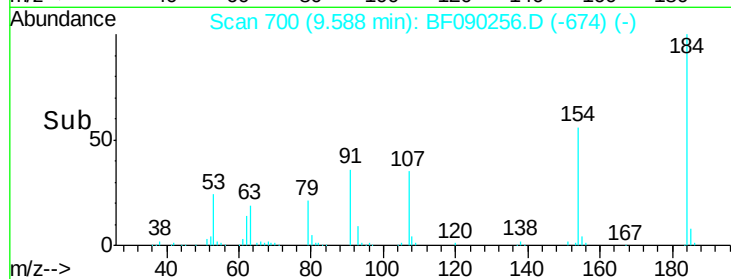
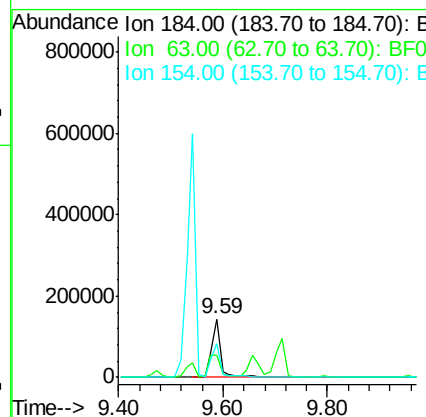
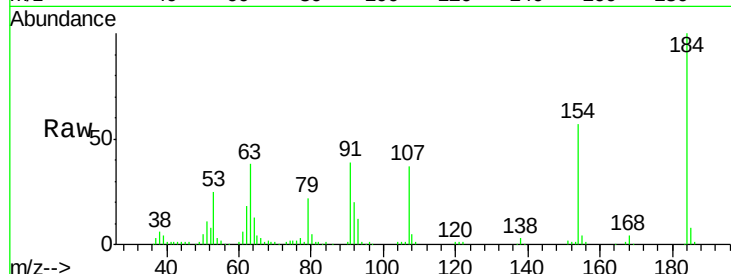
#53
 2,4-Dinitrophenol
 Concen: 68.45 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	169802		
63	38.3	44.6	67.0#	
154	56.6	49.7	74.5	

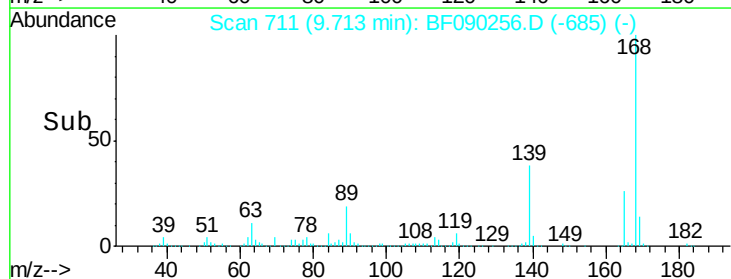
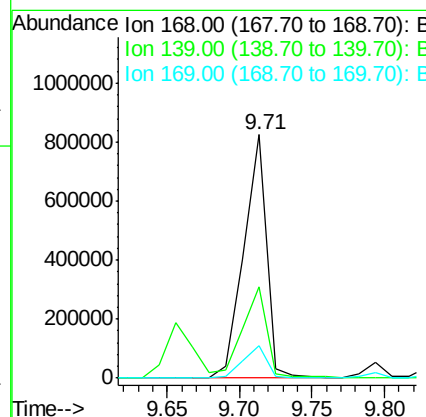
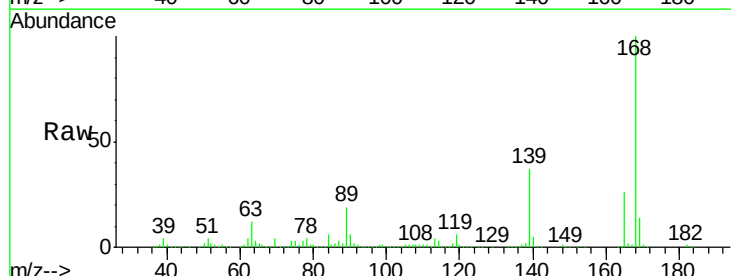
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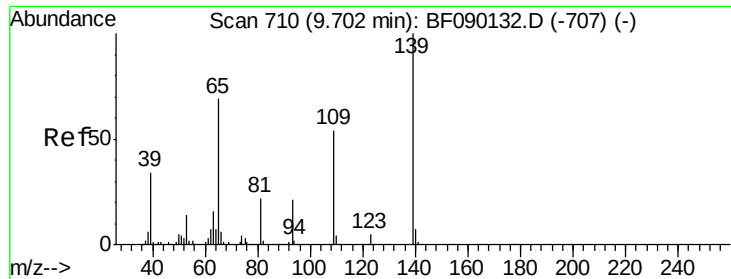
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#54
 Dibenzofuran
 Concen: 43.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	905661		
139	37.5	28.8	43.2	
169	13.5	10.7	16.1	





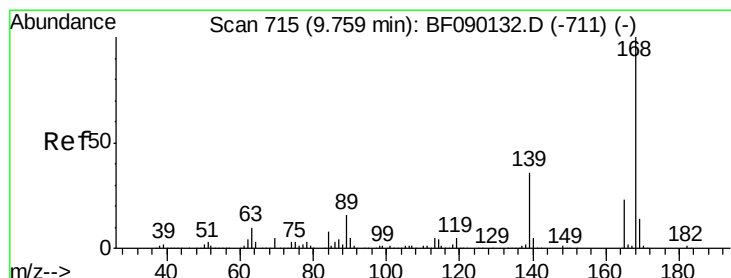
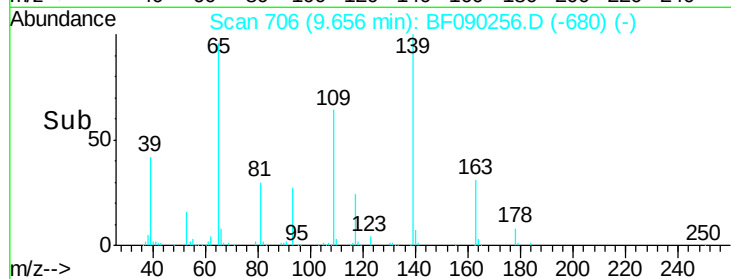
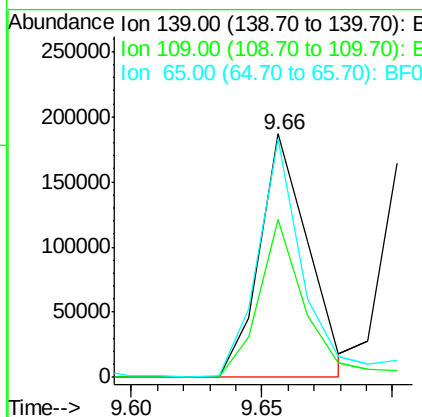
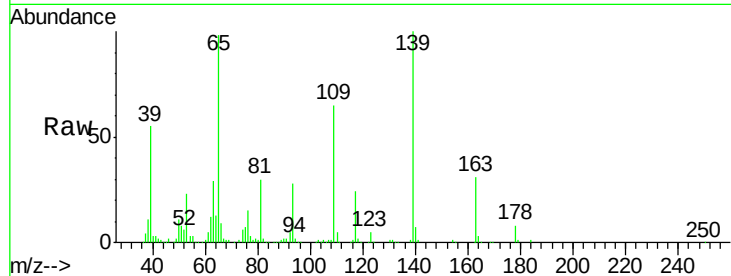
#55
4-Nitrophenol
Concen: 67.98 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	243815		
109	64.8	35.6	75.6	
65	97.9	55.5	95.5	

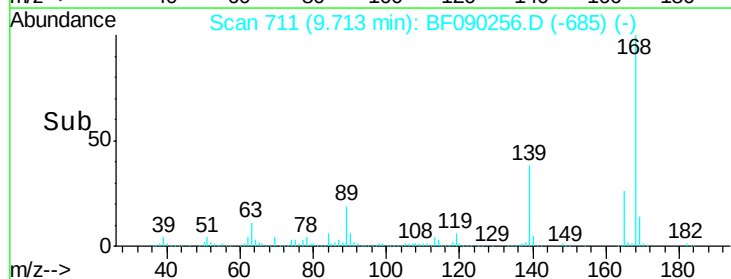
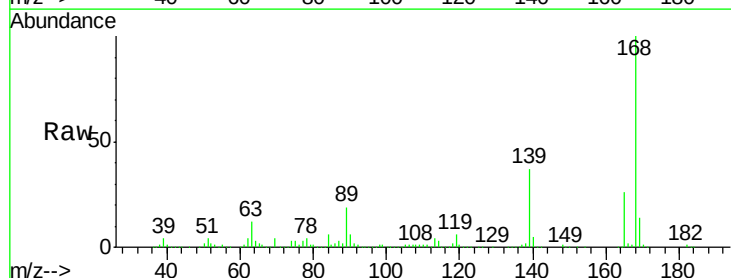
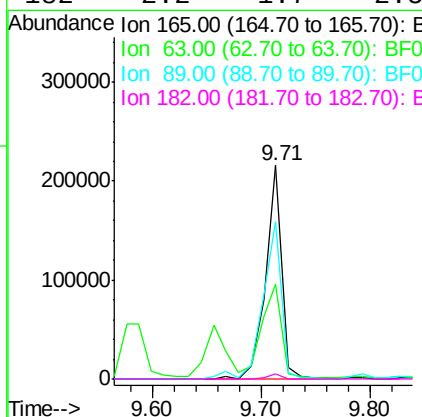
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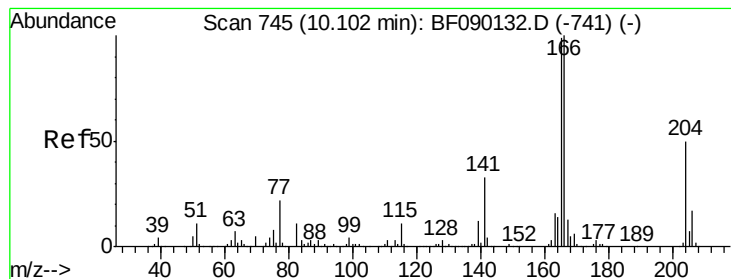
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#56
2,4-Dinitrotoluene
Concen: 42.66 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225281		
63	44.2	44.4	66.6	
89	73.6	70.1	105.1	
182	2.2	1.7	2.5	





#57

Fluorene

Concen: 42.02 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

ClientSampleId :

B5-15-15.5MSD

Tot Ion:166 Resp: 667049

Ion Ratio Lower Upper

166 100

165 98.9 78.5 117.7

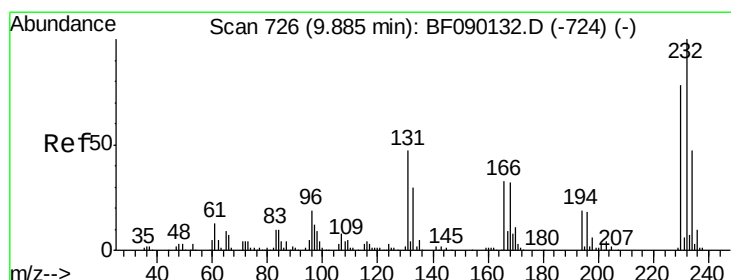
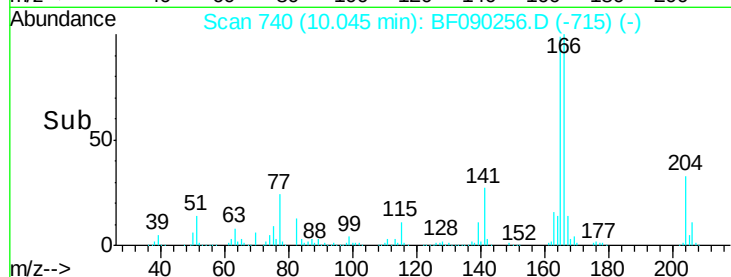
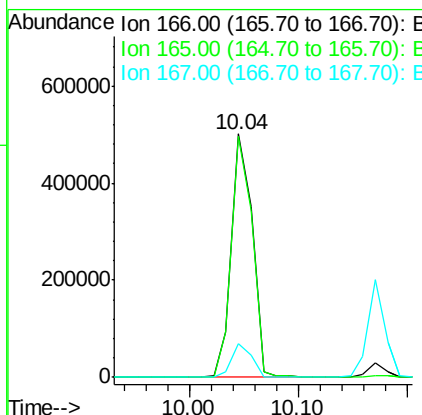
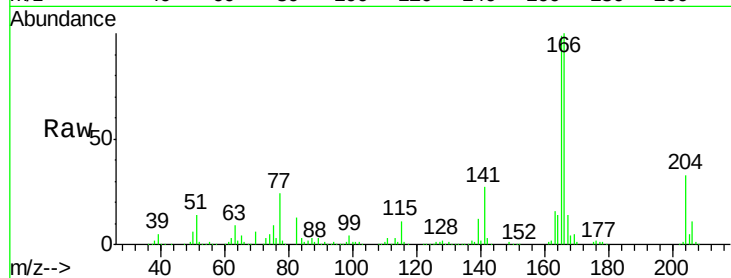
167 13.9 11.2 16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.65 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:232 Resp: 182077

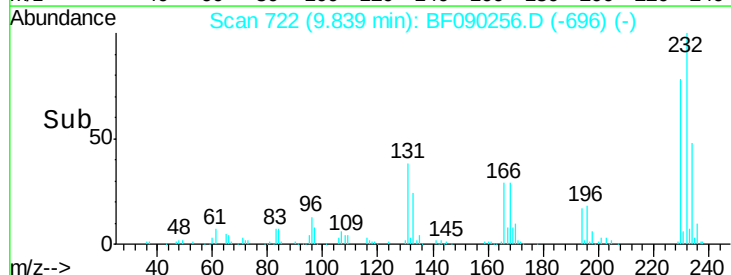
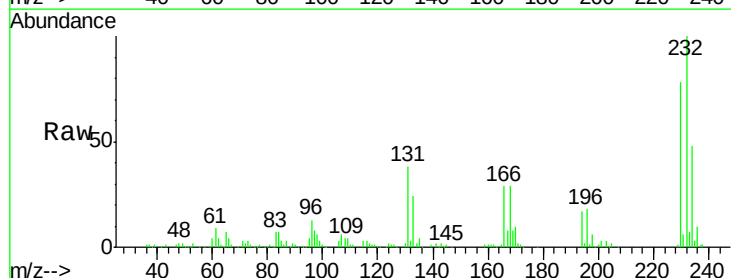
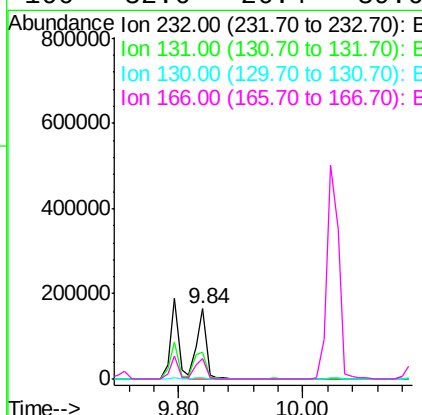
Ion Ratio Lower Upper

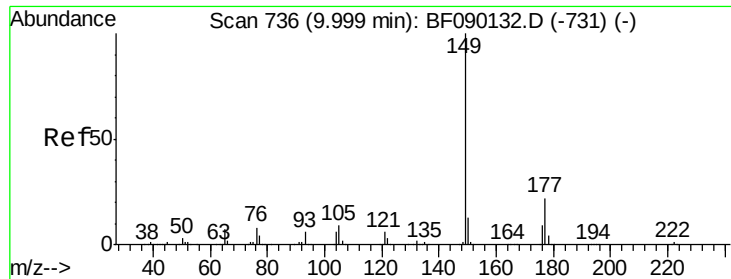
232 100

131 47.9 42.2 63.4

130 2.1 1.9 2.9

166 32.6 26.4 39.6





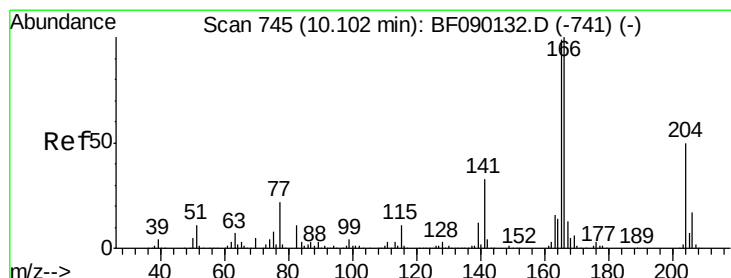
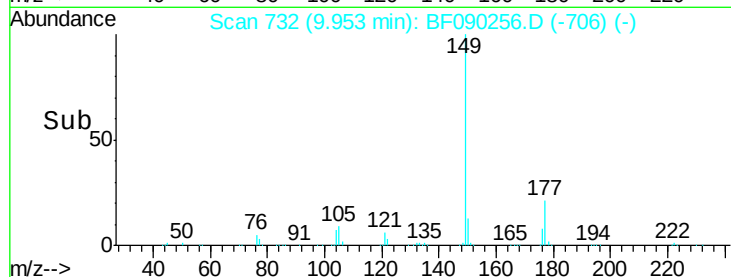
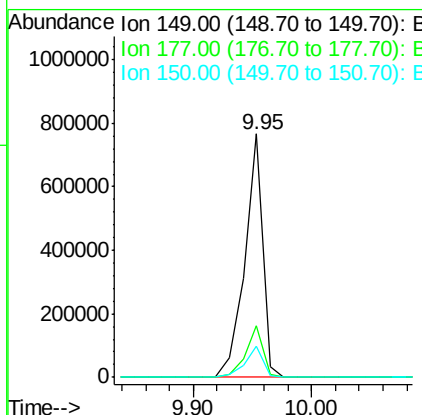
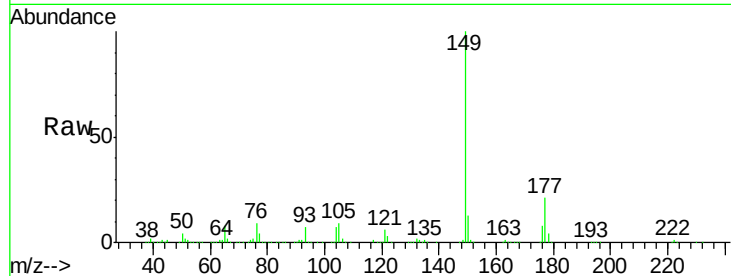
#59
Diethylphthalate
Concen: 41.83 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	15.8	23.6
150	12.6	10.4	15.6

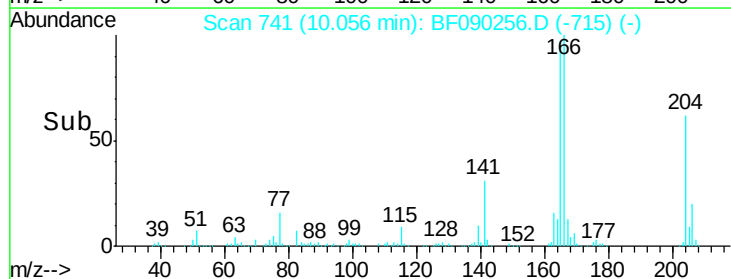
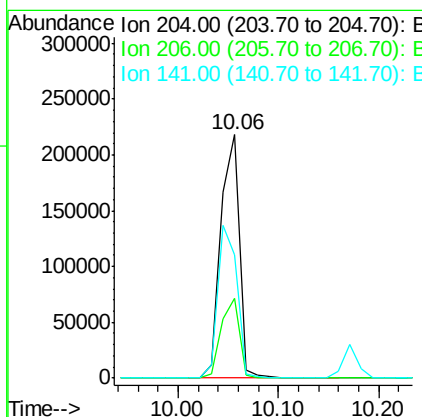
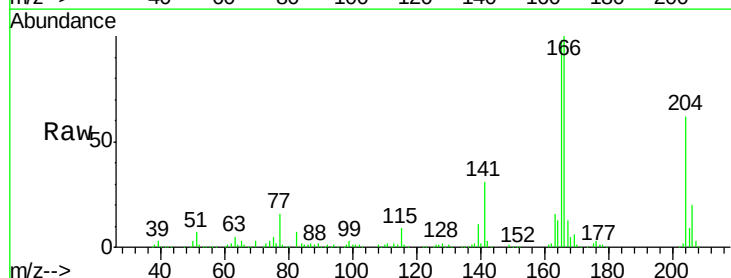
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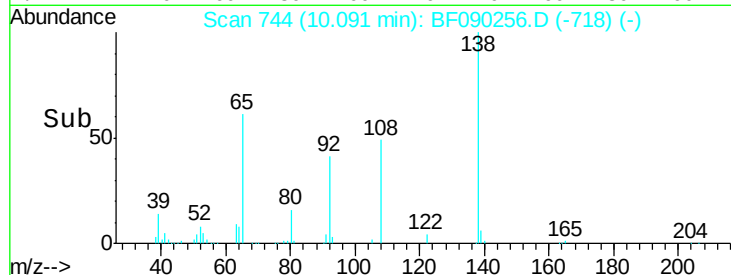
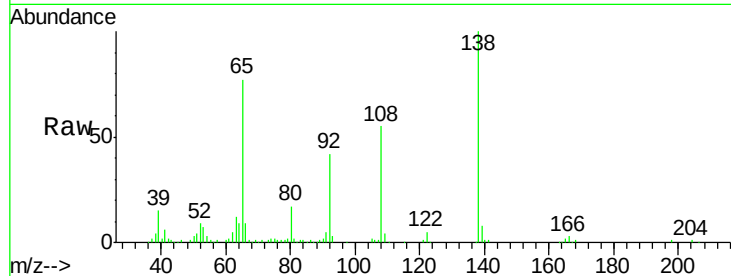
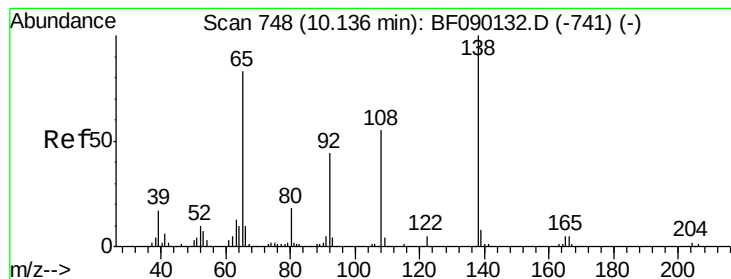
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#60
4-Chlorophenyl-phenylether
Concen: 38.76 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.6	38.4
141	50.6	64.4	96.6#





#61

4-Nitroaniline

Concen: 39.08 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tot Ion:	138	Resp:	208524
Ion Ratio	Lower	Upper	
138	100		
92	41.8	23.8	63.8
108	54.8	35.0	75.0

Instrument :

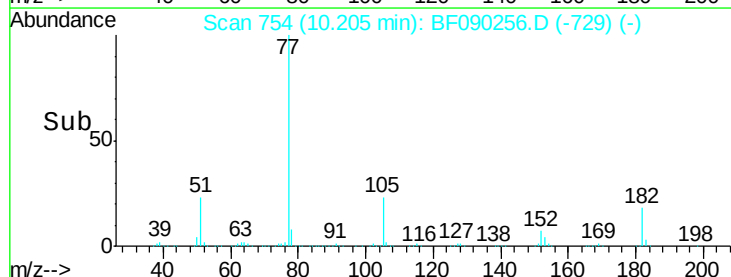
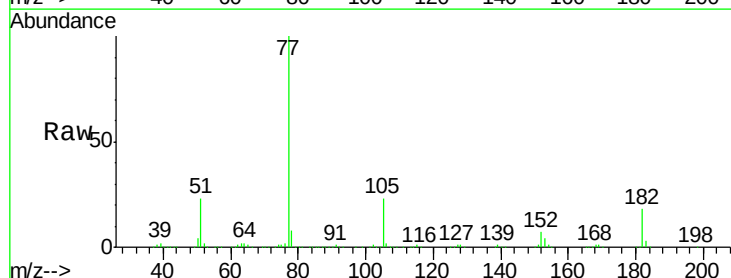
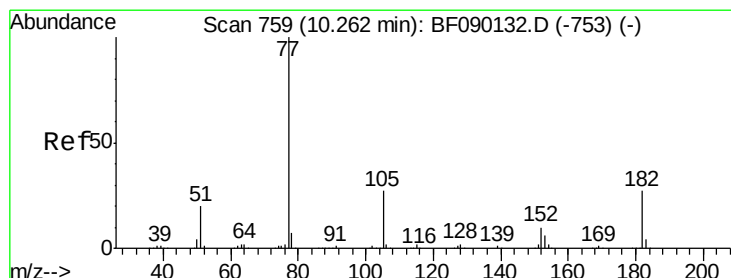
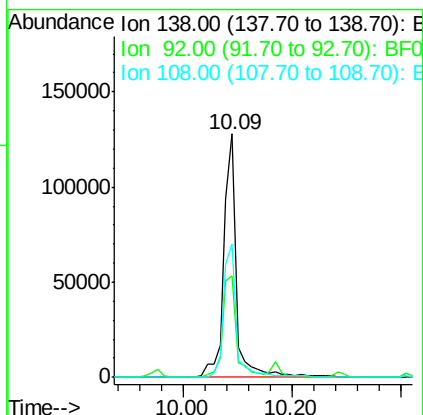
BNA_F

ClientSampleId :

B5-15-15.5MSD

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#62

Azobenzene

Concen: 40.97 ng

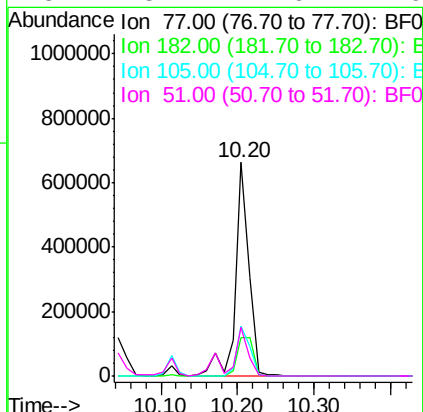
RT: 10.20 min Scan# 754

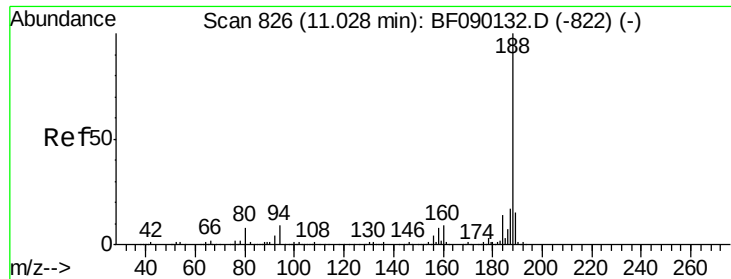
Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	77	Resp:	825243
Ion Ratio	Lower	Upper	
77	100		
182	18.0	0.0	38.4
105	23.4	3.8	43.8
51	23.1	2.6	42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

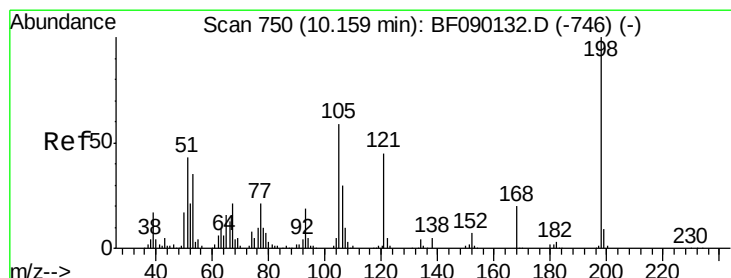
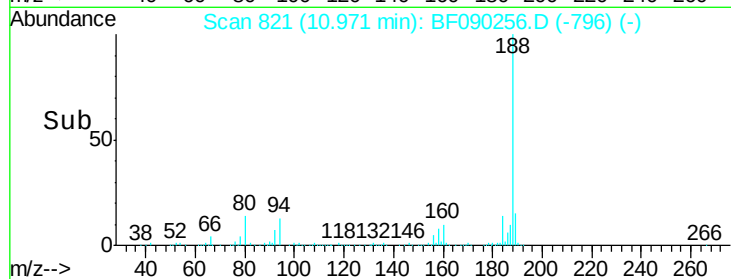
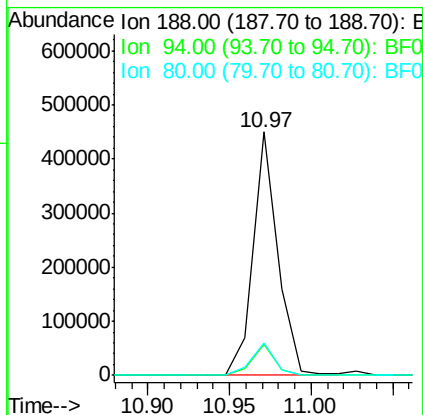
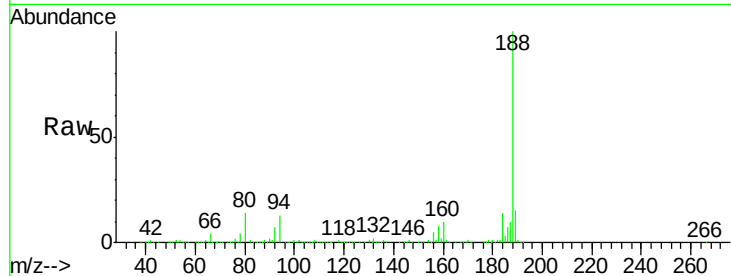
ClientSampleId :

B5-15-15.5MSD

Tot Ion:188	Resp:	476201
Ion Ratio	Lower	Upper
188 100		
94 12.8	10.5	15.7
80 13.6	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.42 ng

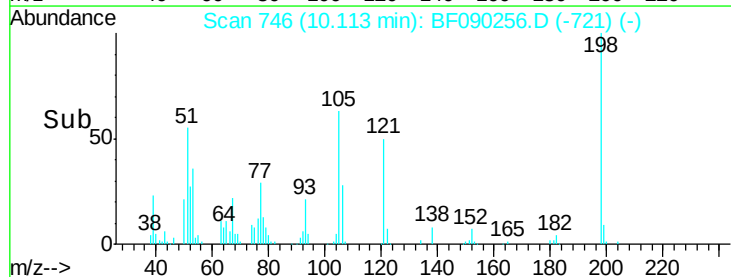
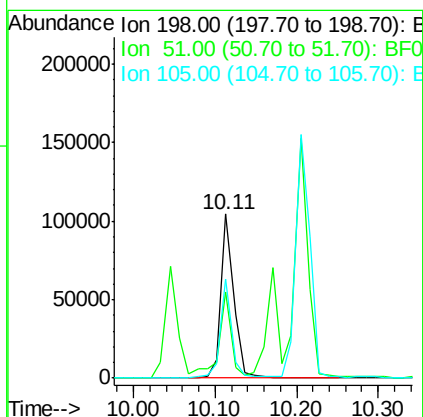
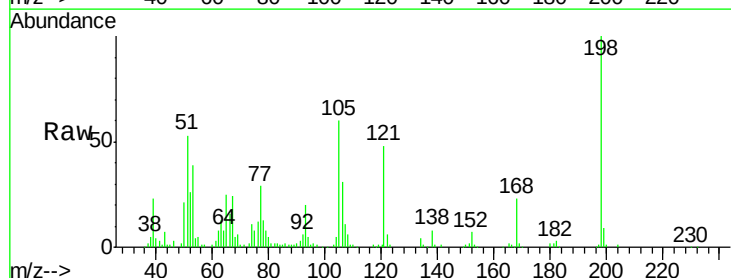
RT: 10.11 min Scan# 746

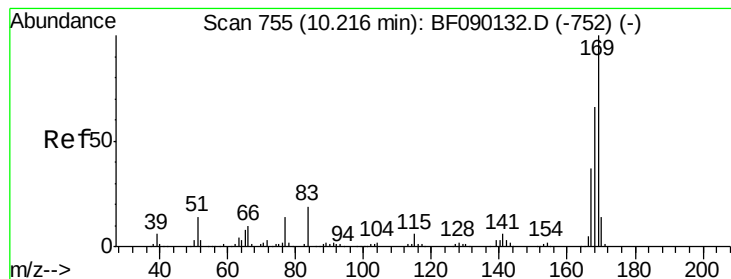
Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:198	Resp:	114594
Ion Ratio	Lower	Upper
198 100		
51 52.8	5.5	45.5#
105 60.3	21.8	61.8





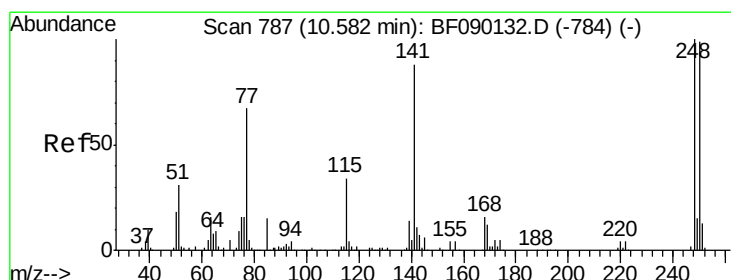
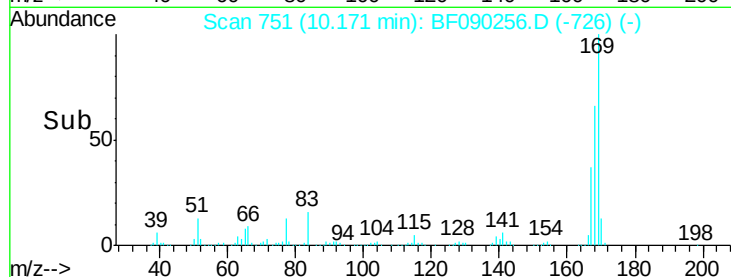
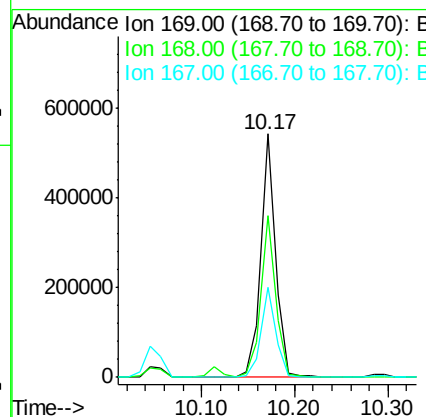
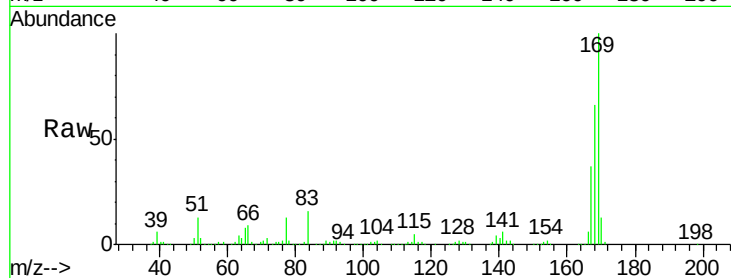
#65
n-Nitrosodiphenylamine
Concen: 38.39 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	601171		
168	66.3	54.2	81.4	
167	36.9	30.3	45.5	

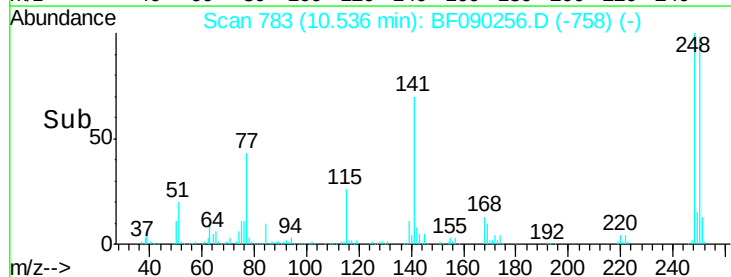
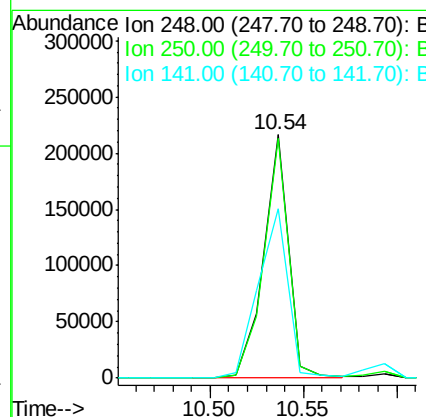
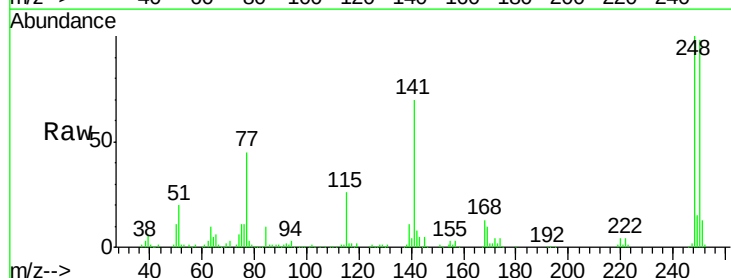
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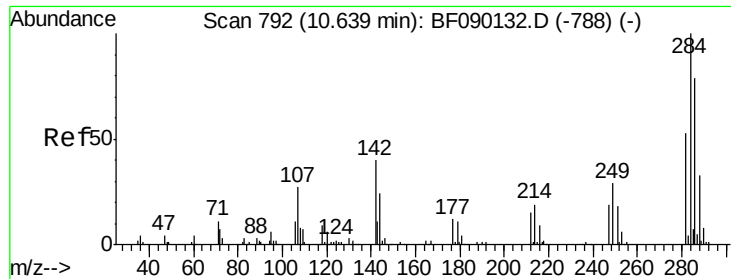
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#66
4-Bromophenyl-phenylether
Concen: 42.65 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	199864		
250	98.5	79.4	119.2	
141	69.6	49.3	73.9	





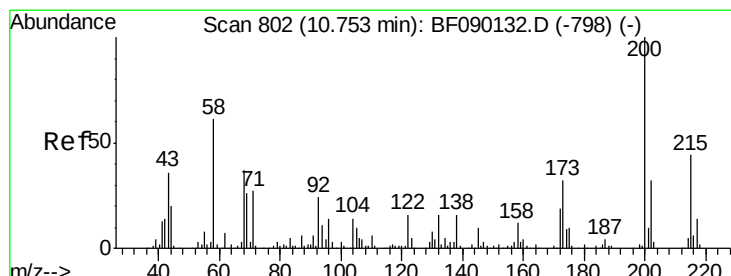
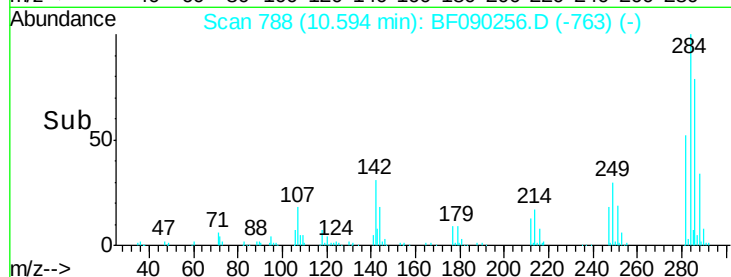
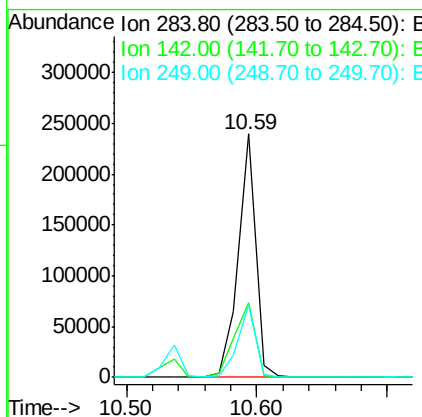
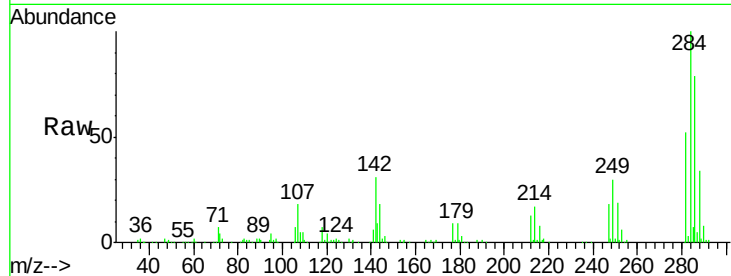
#67
Hexachlorobenzene
Concen: 40.46 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	220974		
142	30.9		24.0	36.0
249	29.8		23.8	35.6

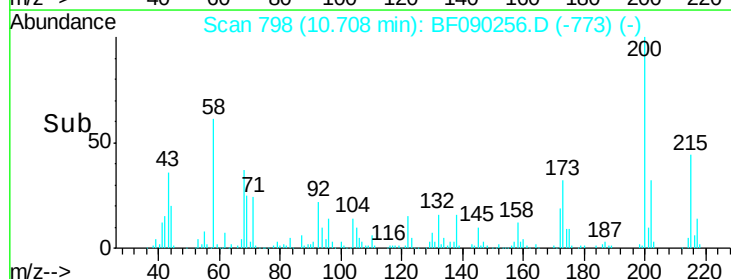
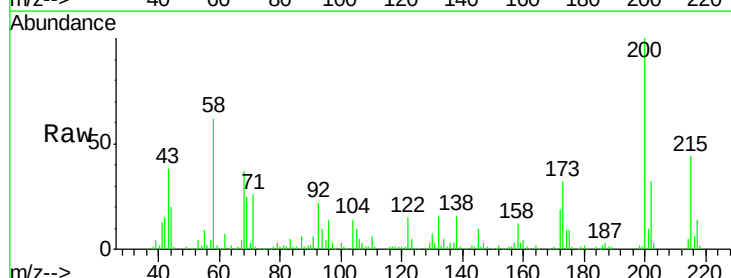
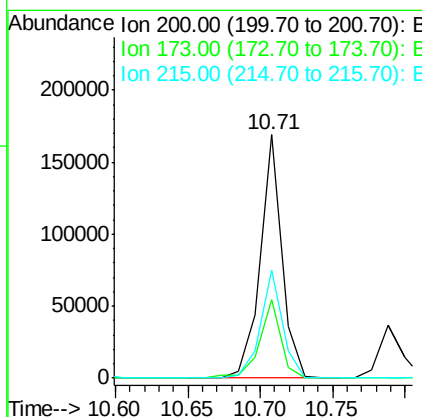
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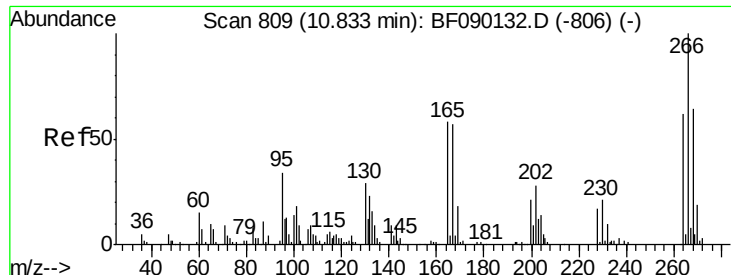
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#68
Atrazine
Concen: 40.88 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	175408		
173	32.0		9.3	49.3
215	44.5		26.1	66.1





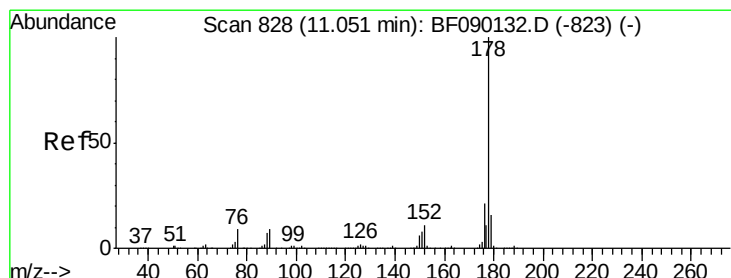
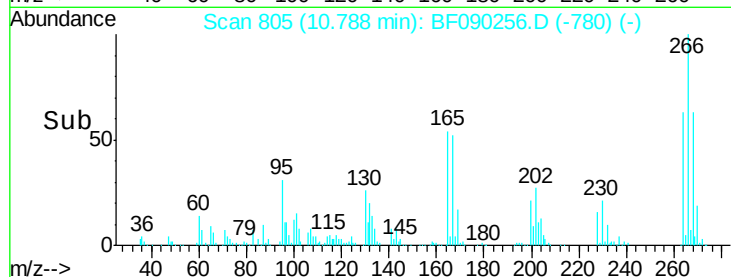
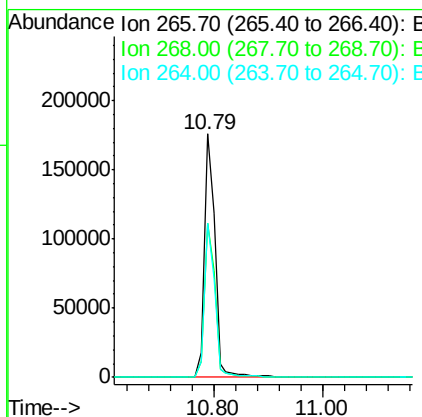
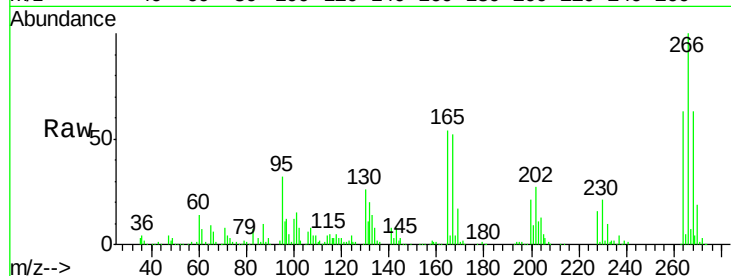
#69
 Pentachlorophenol
 Concen: 75.86 ng
 RT: 10.79 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	235155		
268	63.1	52.1	78.1	
264	63.2	50.3	75.5	

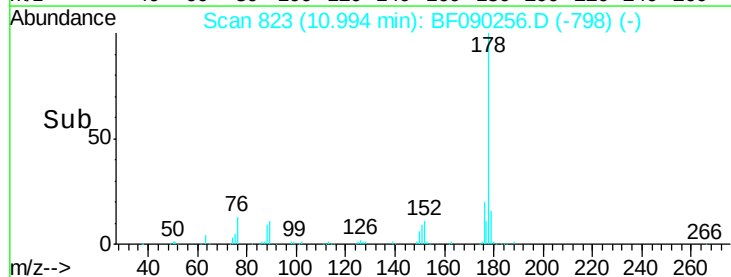
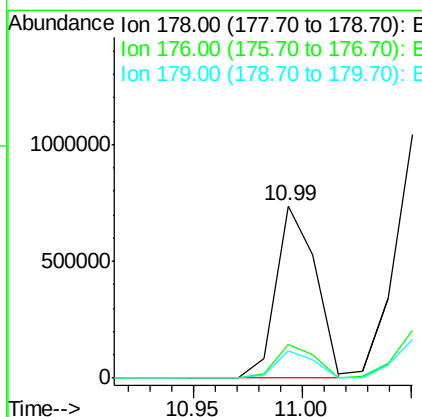
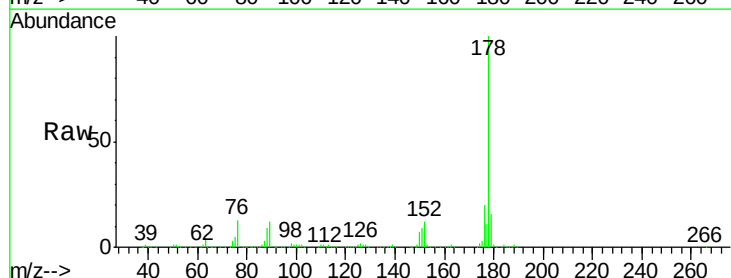
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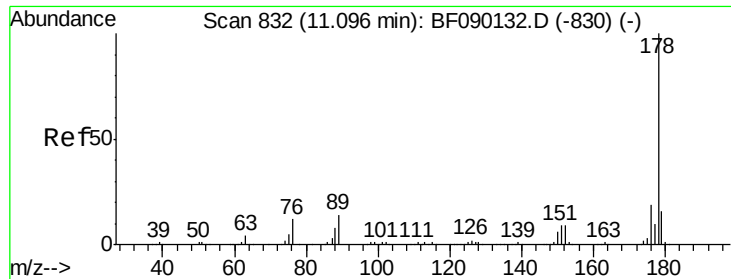
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#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	938147		
176	19.7	15.9	23.9	
179	15.8	12.9	19.3	





#71
 Anthracene
 Concen: 44.83 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

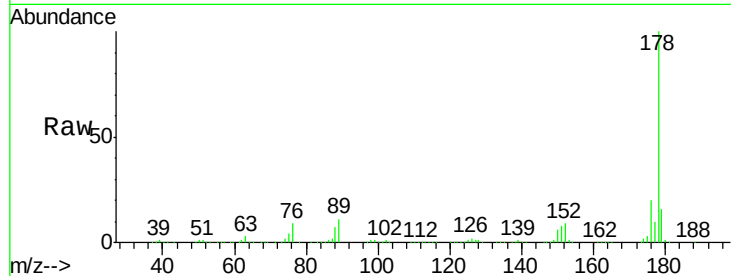
Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion:178 Resp: 1047070

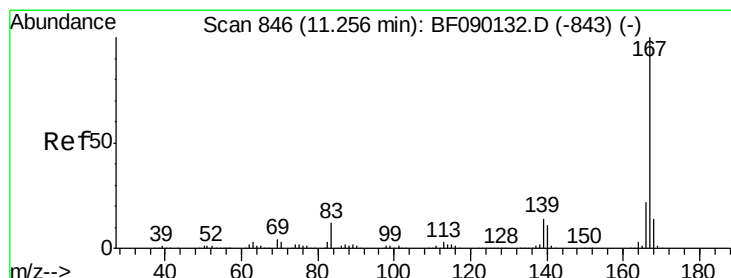
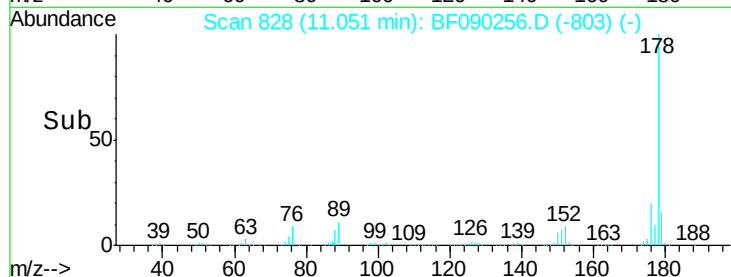
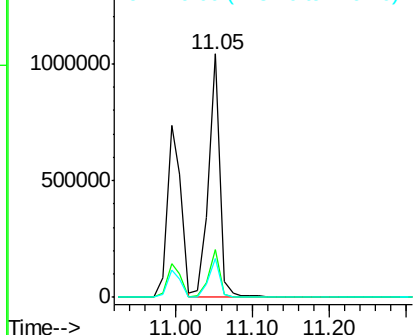
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.8	12.6	19.0

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

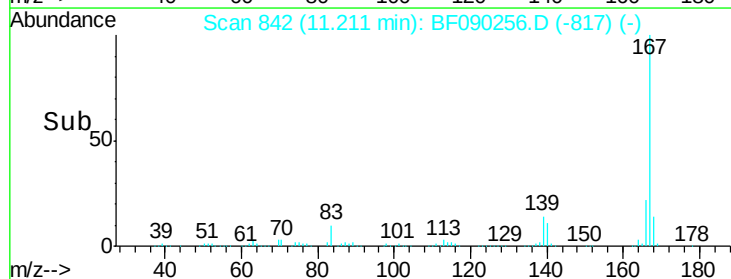
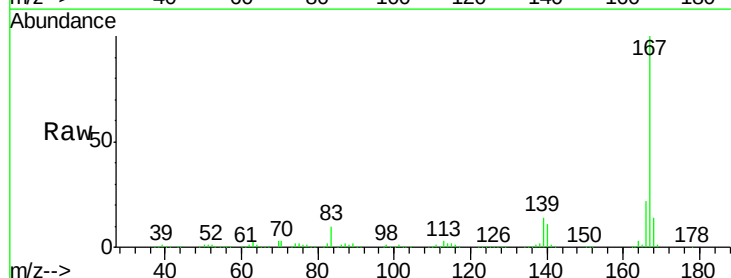
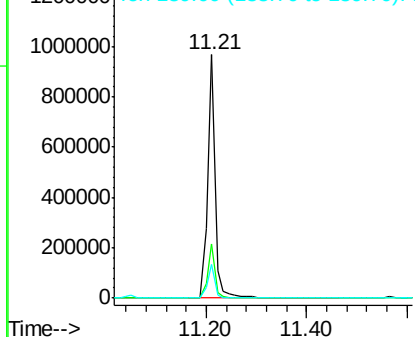


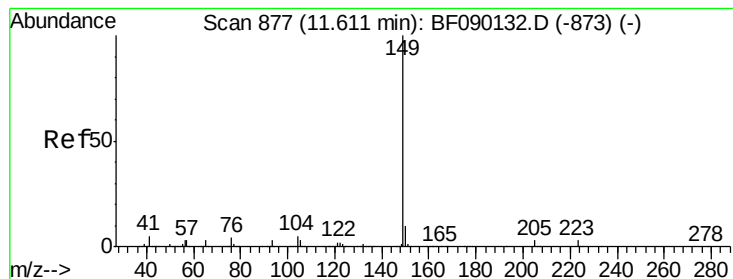
#72
 Carbazole
 Concen: 40.98 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion:167 Resp: 1011824

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.7	10.4	15.6

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





#73

Di-n-butylphthalate

Concen: 46.65 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

ClientSampleId :

B5-15-15.5MSD

Tot Ion:149 Resp: 1339444

Ion Ratio Lower Upper

149 100

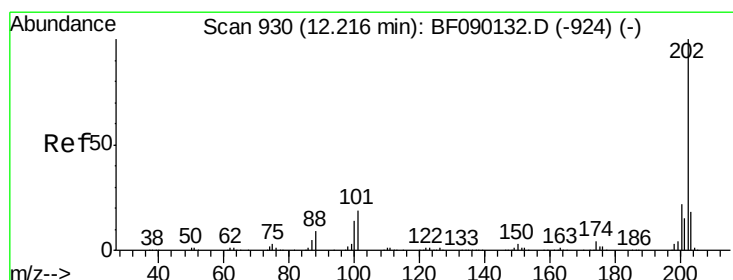
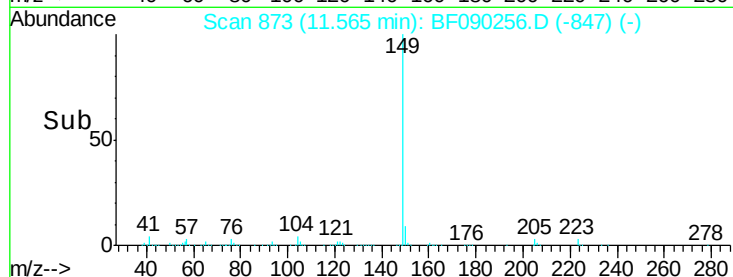
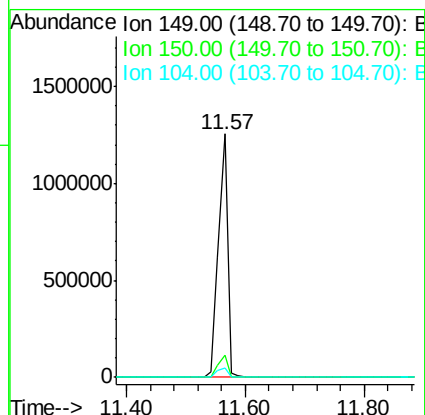
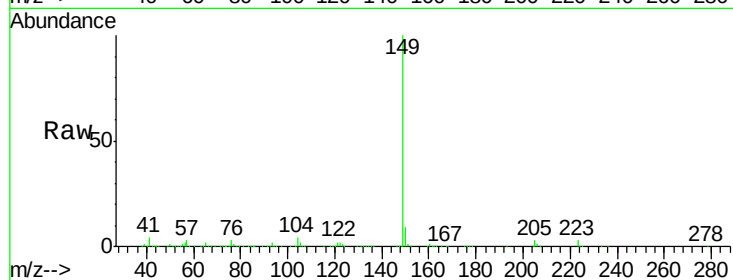
150 9.3 7.8 11.8

104 3.9 3.9 5.9

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#74

Fluoranthene

Concen: 39.67 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

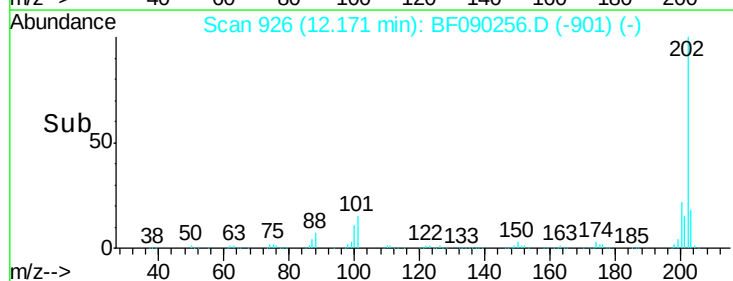
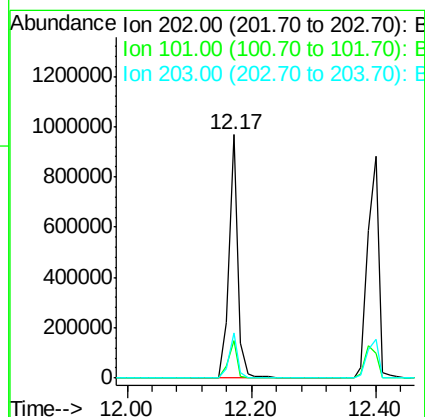
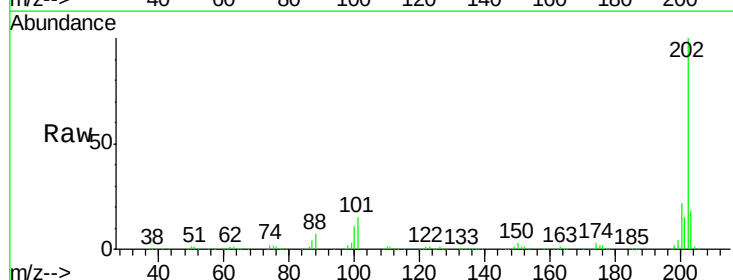
Tgt Ion:202 Resp: 948302

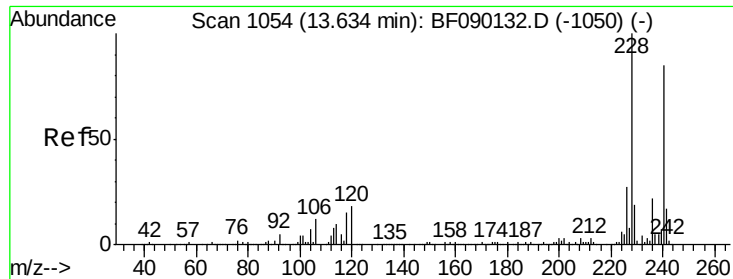
Ion Ratio Lower Upper

202 100

101 15.5 0.0 36.1

203 18.3 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

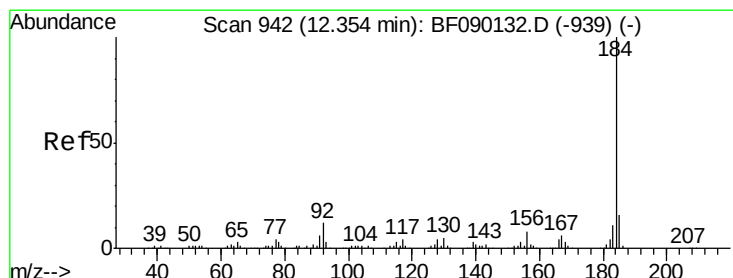
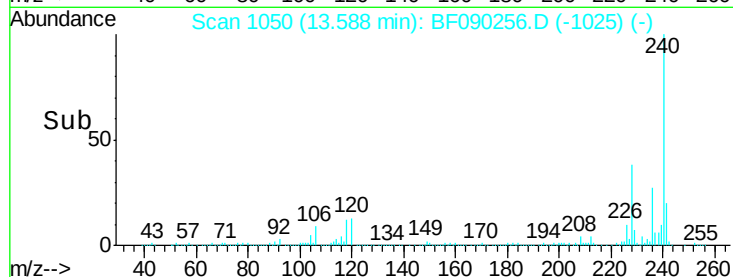
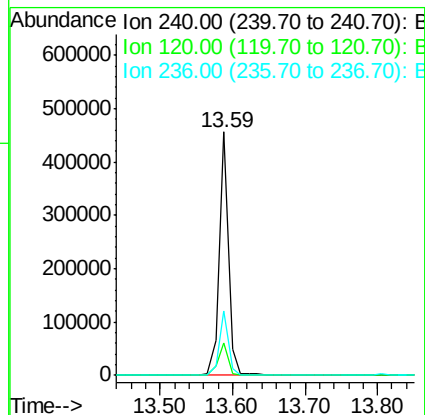
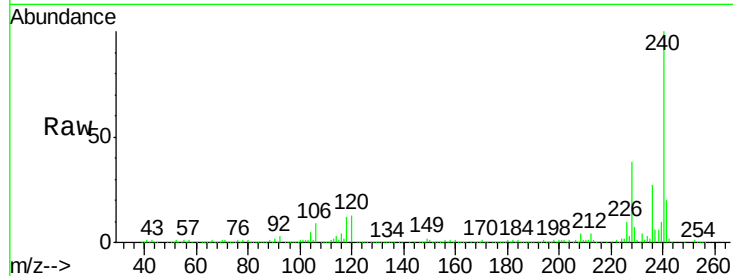
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	240	Resp:	406991
Ion Ratio	Lower	Upper	
240	100		
120	13.5	10.6	16.0
236	26.7	21.6	32.4

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#76

Benzidine

Concen: 34.46 ng

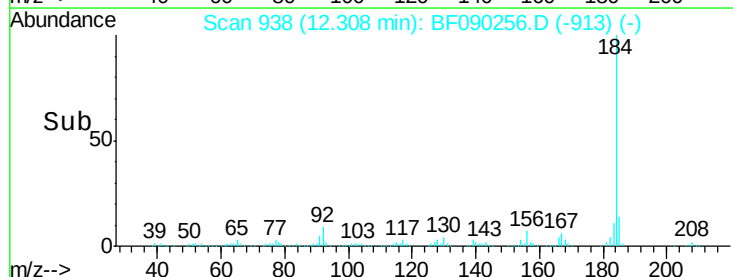
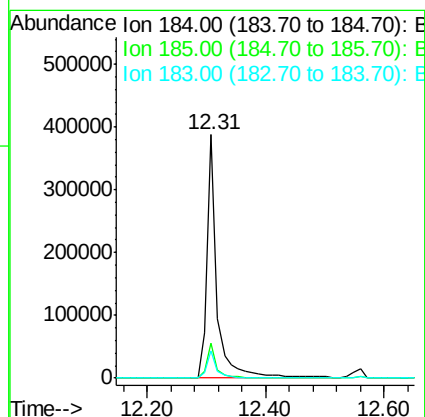
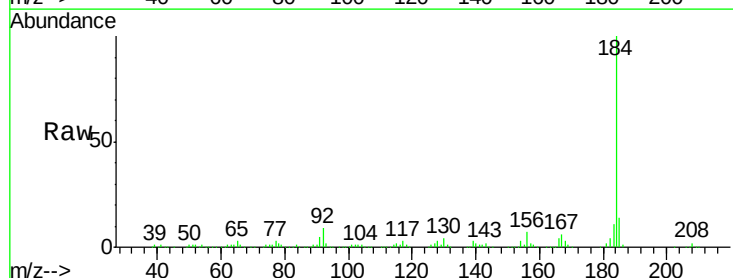
RT: 12.31 min Scan# 938

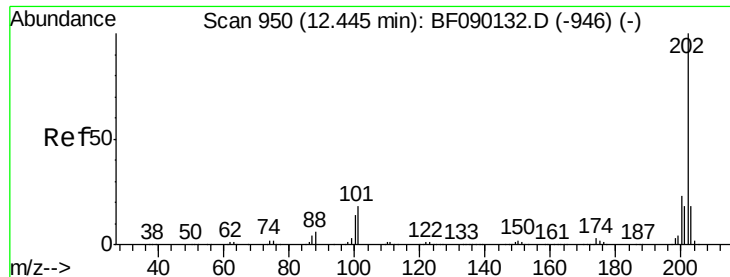
Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	184	Resp:	469464
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.2	19.8
183	11.1	9.2	13.8





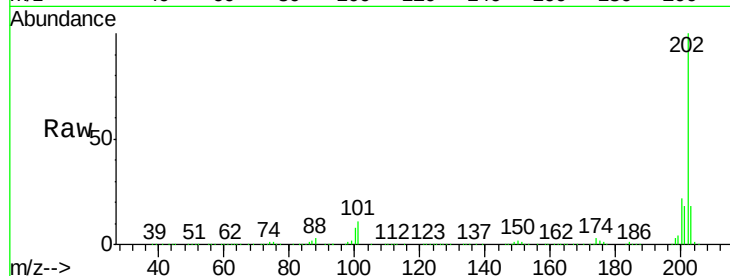
#77
Pvrene
Concen: 38.31 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

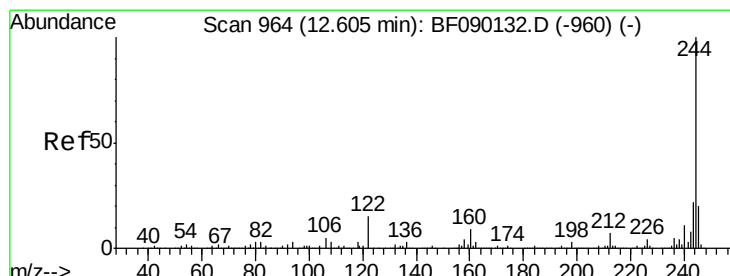
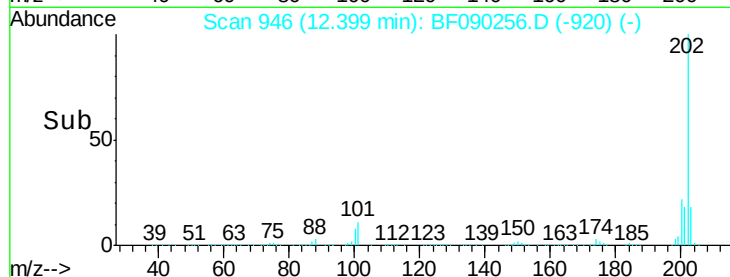
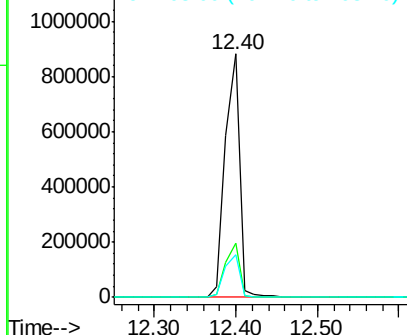
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.9	26.9
203	17.6	14.2	21.4

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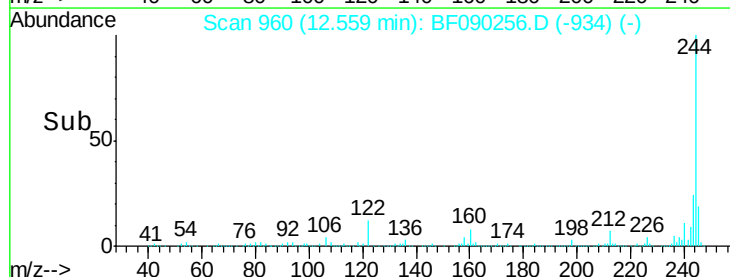
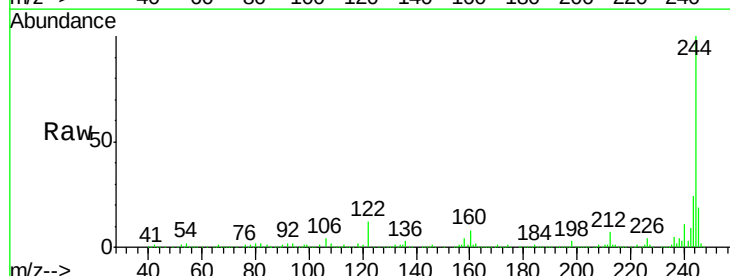
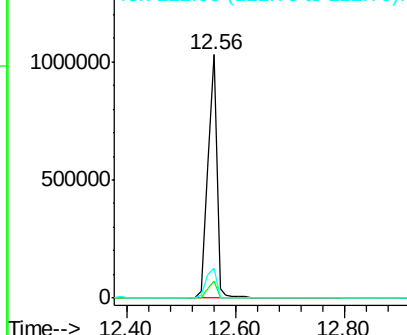
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

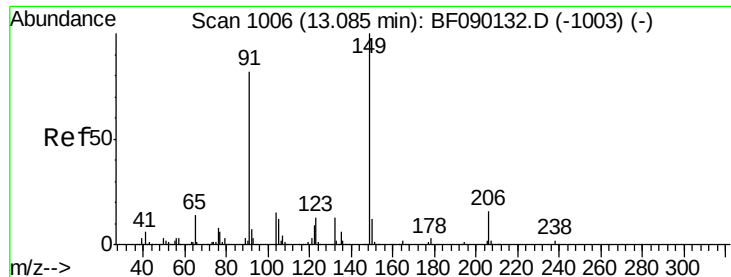


#78
Terphenyl-d14
Concen: 73.47 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	9.4	14.0

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





#79

Butylbenzylphthalate

Concen: 37.92 ng

RT: 13.04 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

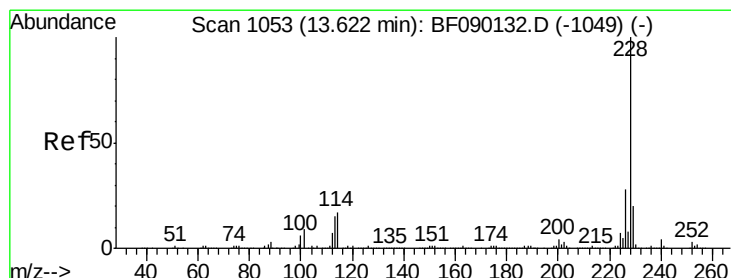
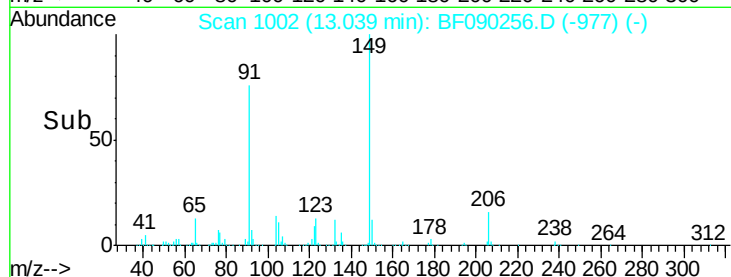
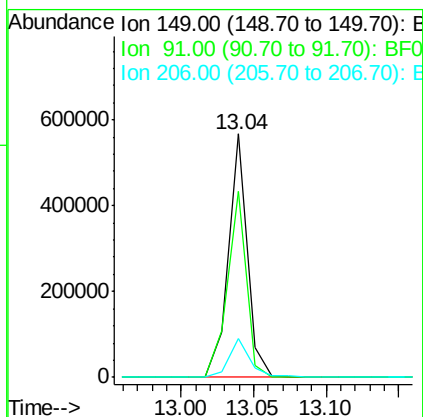
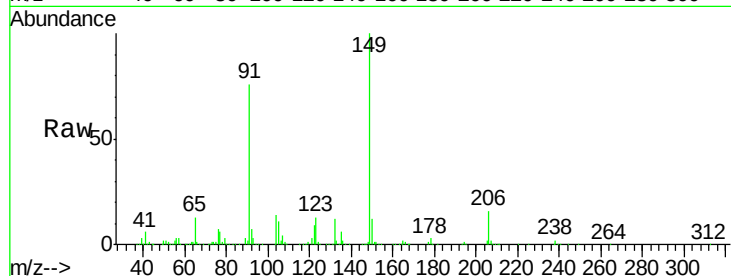
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	149	Resp:	516619
Ion Ratio	Lower	Upper	
149	100		
91	76.4	49.8	74.6#
206	16.2	16.3	24.5#

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#80

Benzo(a)anthracene

Concen: 39.95 ng

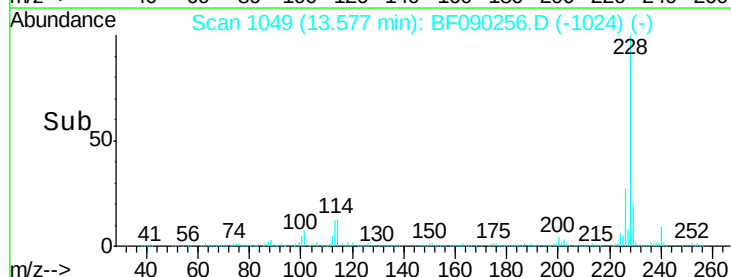
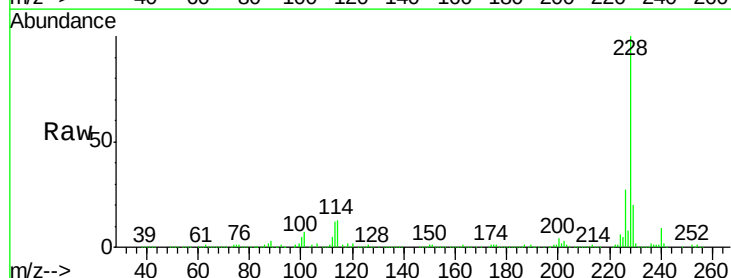
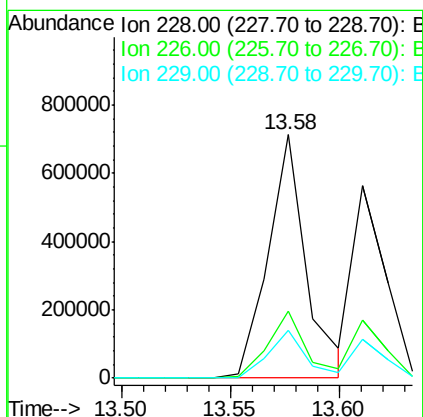
RT: 13.58 min Scan# 1049

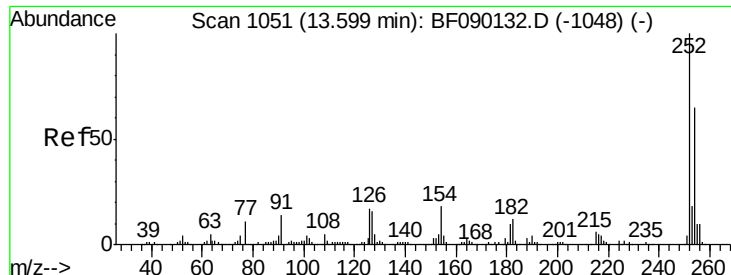
Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	228	Resp:	874700
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.0	33.0
229	19.9	16.2	24.2





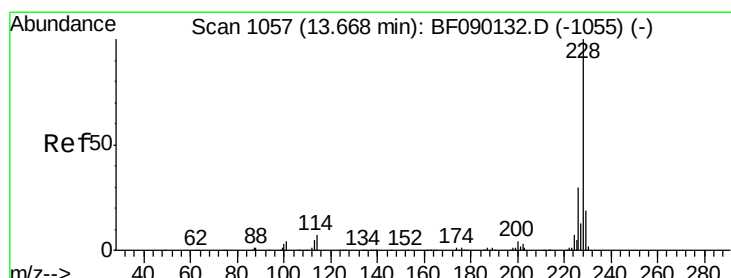
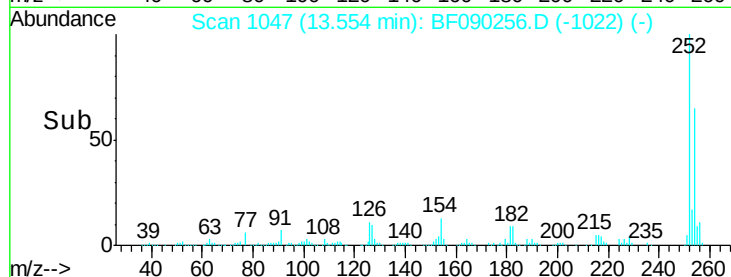
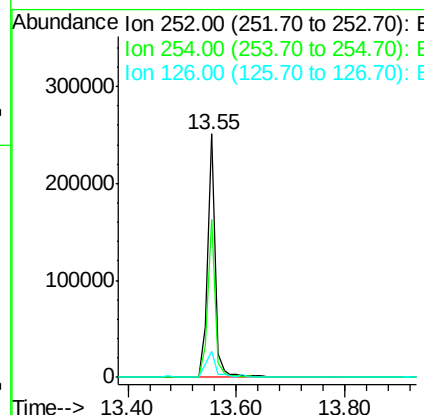
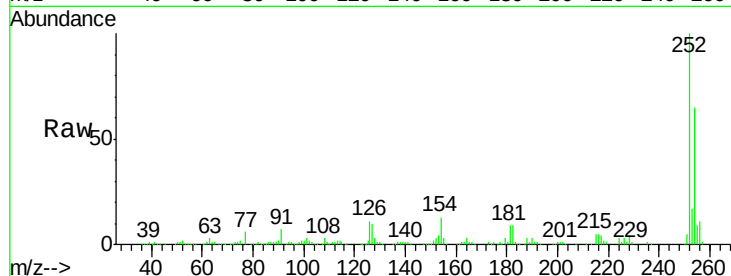
#81
 3,3'-Dichlorobenzidine
 Concen: 26.93 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	243183		
254	64.6	50.7	76.1	
126	10.6	9.2	13.8	

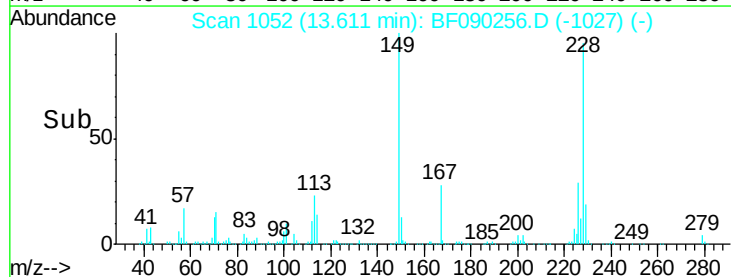
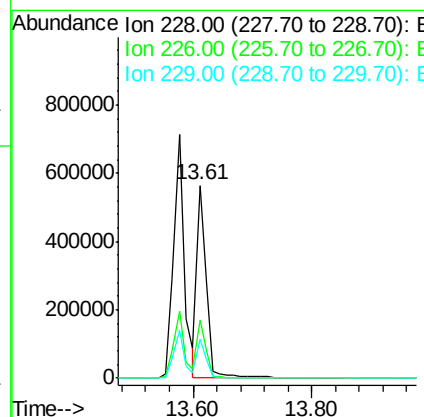
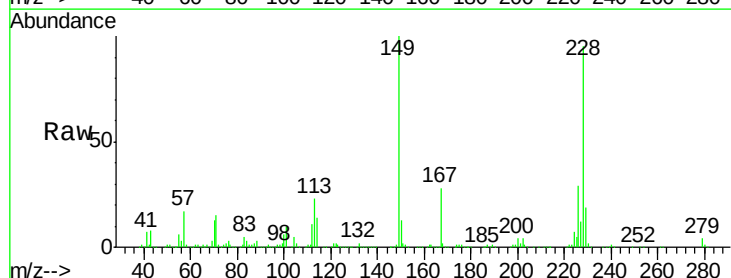
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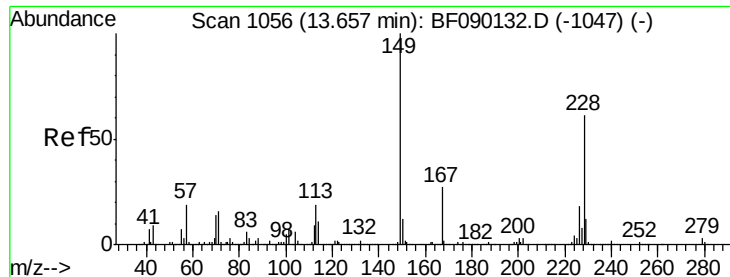
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#82
 Chrysene
 Concen: 29.47 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	628650		
226	30.2	24.6	37.0	
229	19.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.34 ng

RT: 13.61 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

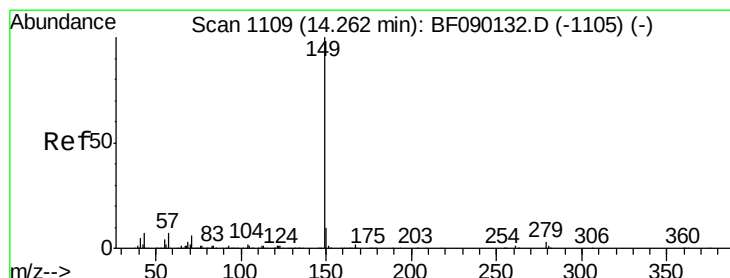
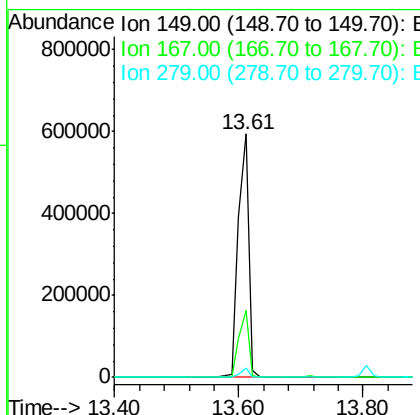
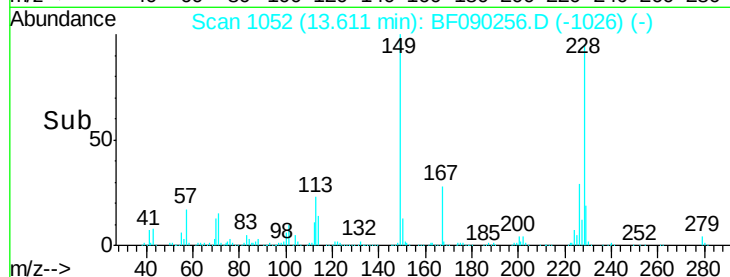
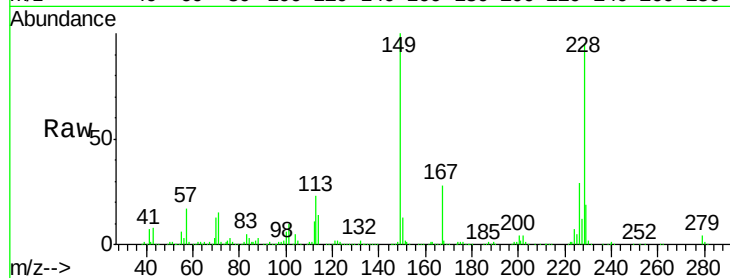
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	149	Resp:	703180
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.2	31.8
279	3.9	2.2	3.2#

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#84

Di-n-octyl phthalate

Concen: 42.07 ng

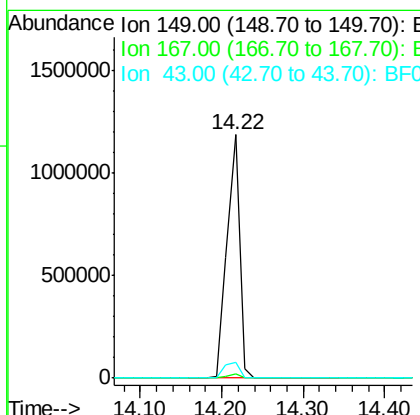
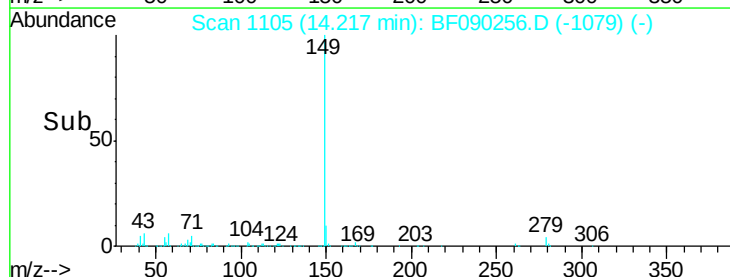
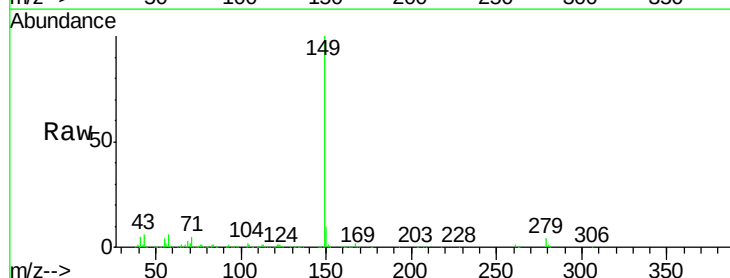
RT: 14.22 min Scan# 1105

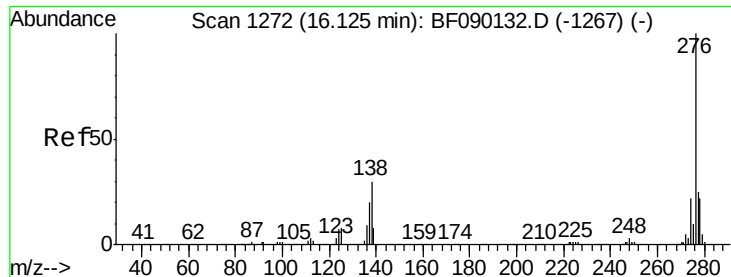
Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	149	Resp:	1263502
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.9	6.8	10.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.75 ng

RT: 16.05 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

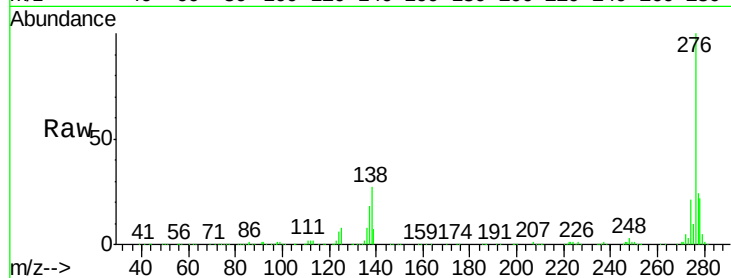
ClientSampleId :

B5-15-15.5MSD

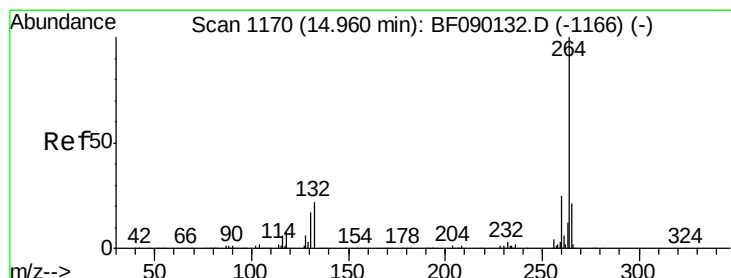
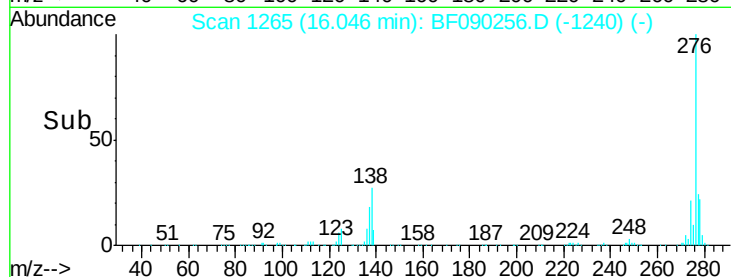
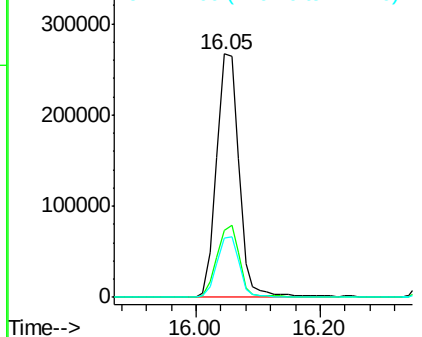
Tot Ion:	276	Resp:	668284
Ion Ratio	Lower	Upper	
276	100		
138	29.9	25.9	38.9
277	25.3	19.9	29.9

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



#86

Perylene-d12

Concen: 20.00 ng

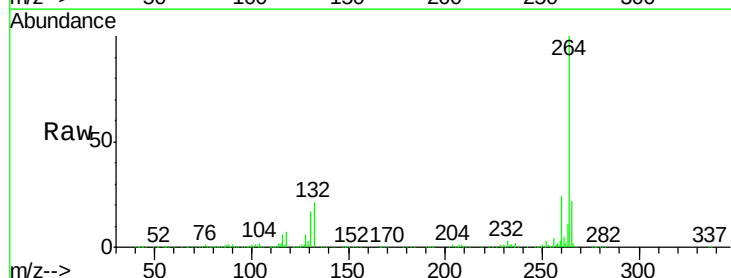
RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

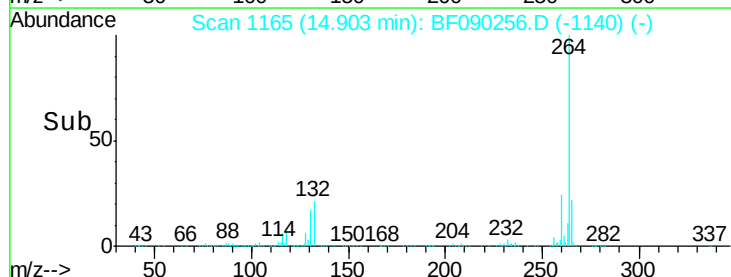
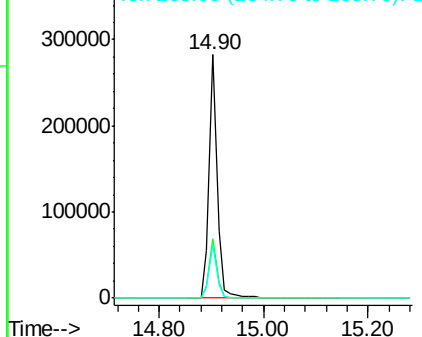
Lab File: BF090256.D

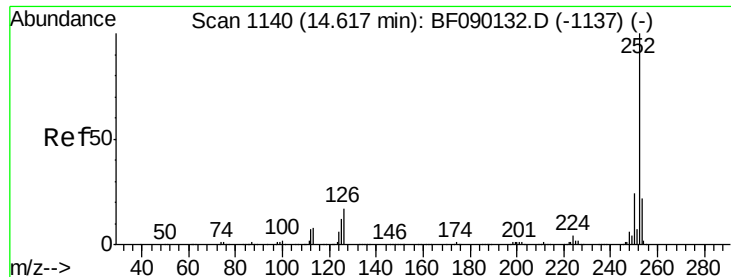
Acq: 27 Sep 2016 17:16

Tgt Ion:	264	Resp:	306215
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.7	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.69 ng m

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Instrument :

BNA_F

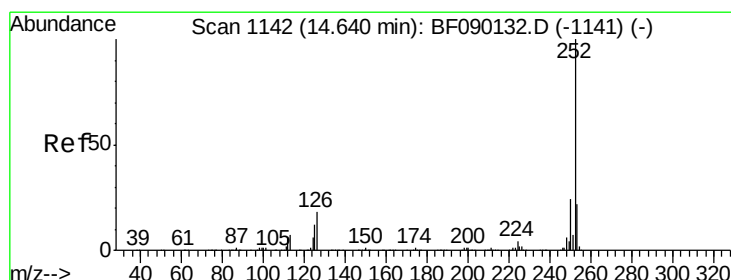
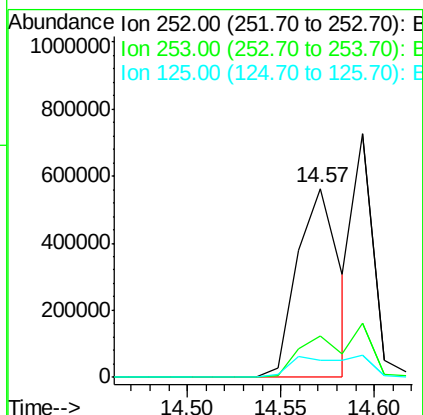
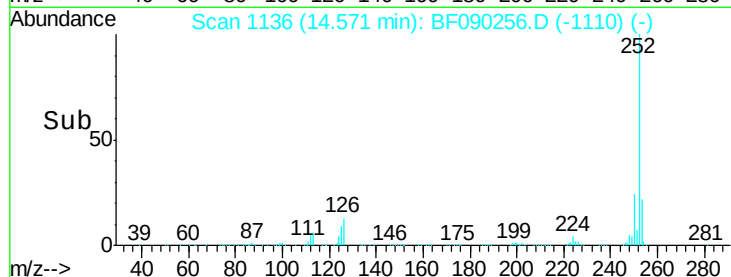
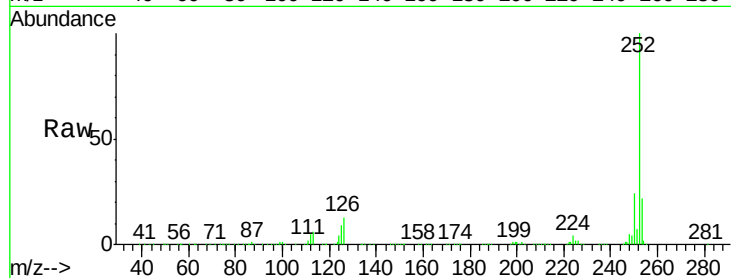
ClientSampleId :

B5-15-15.5MSD

Tot Ion:	252	Resp:	876564
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	9.2	12.7	19.1

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#88

Benzo(k)fluoranthene

Concen: 35.13 ng m

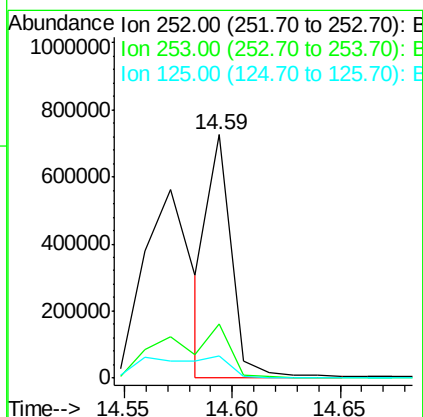
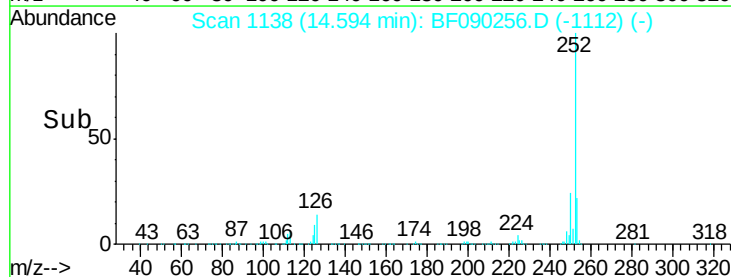
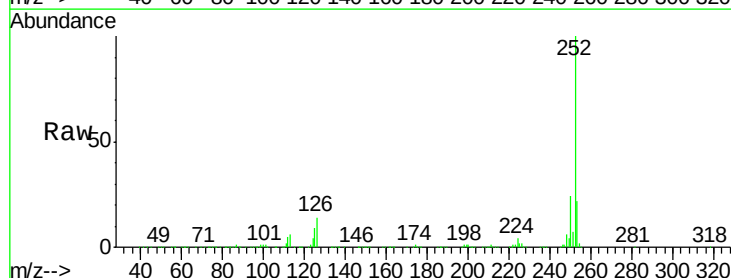
RT: 14.59 min Scan# 1138

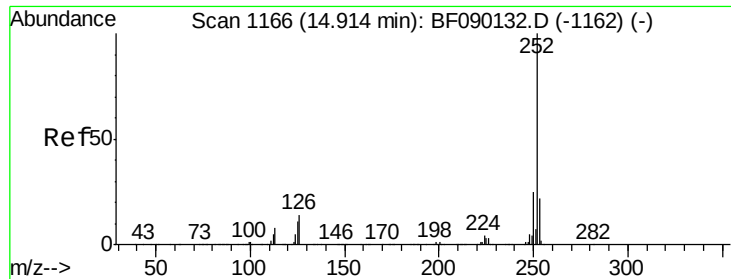
Delta R.T. 0.00 min

Lab File: BF090256.D

Acq: 27 Sep 2016 17:16

Tgt Ion:	252	Resp:	559014
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	9.3	7.8	11.6





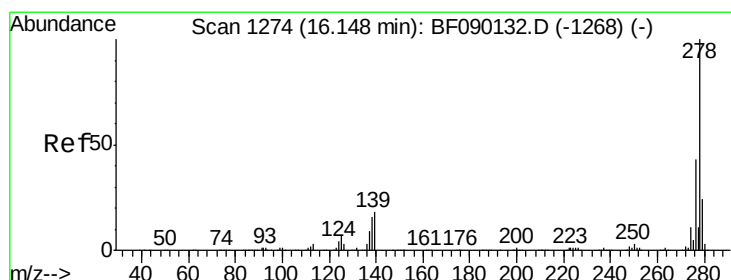
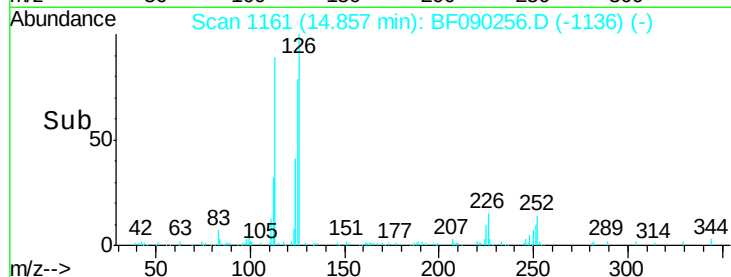
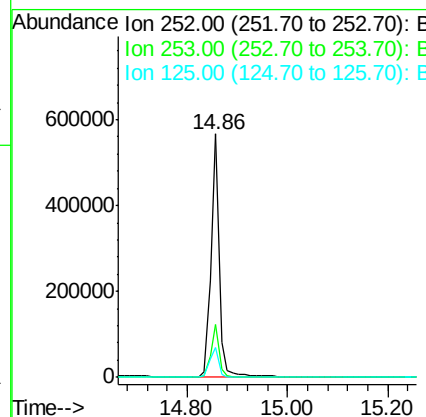
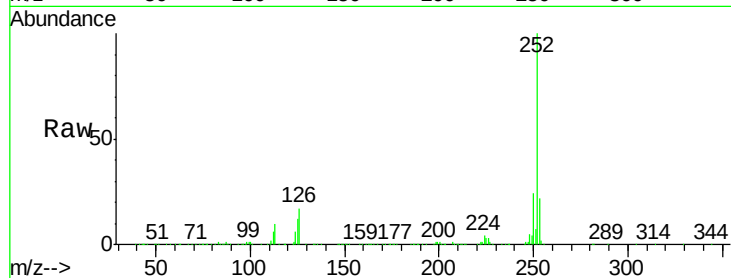
#89
Benzo(a)pyrene
Concen: 40.21 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Instrument :
BNA_F
ClientSampleId :
B5-15-15.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.5	7.7	11.5

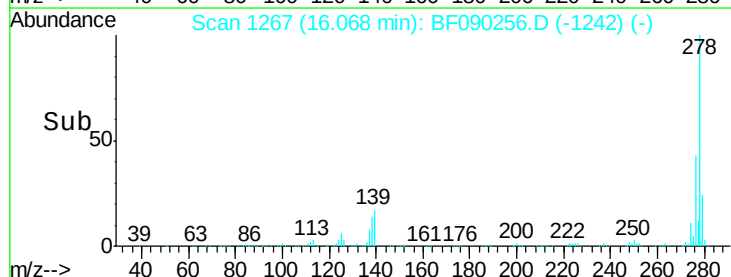
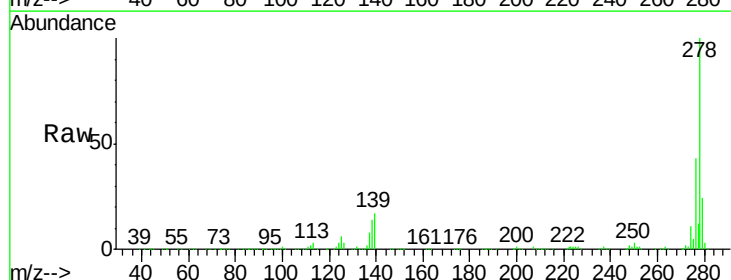
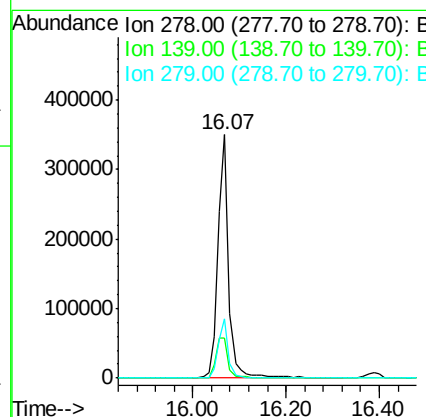
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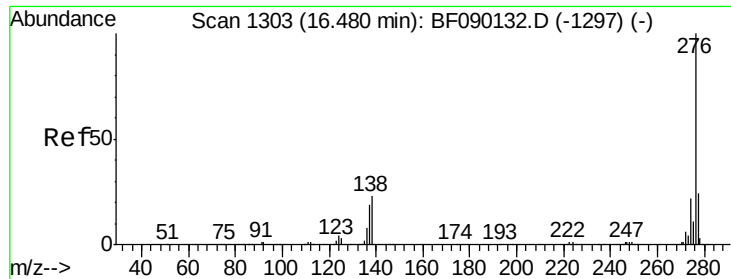
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#90
Dibenzo(a,h)anthracene
Concen: 45.34 ng
RT: 16.07 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF090256.D
Acq: 27 Sep 2016 17:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.6	21.8
279	24.4	18.8	28.2





#91
 Benzo(a,h,i)perylene
 Concen: 46.14 ng
 RT: 16.39 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF090256.D
 Acq: 27 Sep 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B5-15-15.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
562095	276	100			
	277	23.8		18.9	28.3
	138	27.7		23.3	34.9

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