

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090100.D
 Acq On : 15 Sep 2016 19:12
 Operator : UM/SJ
 Sample : H4758-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Manual Integrations
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 9/20/2016 6:49:05 PM

Quant Time: Sep 16 01:22:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	151942	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	598705	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	241097	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	366606	20.00	ng	0.00
75) Chrysene-d12	13.67	240	289792	20.00	ng	0.00
86) Perylene-d12	14.99	264	220877	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1118925	118.44	ng	0.01
7) Phenol-d6	6.22	99	1402358	113.38	ng	0.01
23) Nitrobenzene-d5	7.13	82	861019	80.86	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	208757	86.20	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1289073	83.97	ng	0.00
78) Terphenyl-d14	12.63	244	756466	61.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	138877	28.15	ng	97
3) Pyridine	2.60	79	309848	25.83	ng	98
4) n-Nitrosodimethylamine	2.55	42	145324	37.08	ng	92
6) Aniline	6.25	93	323161	21.05	ng	# 64
8) 2-Chlorophenol	6.34	128	408708	37.55	ng	81
9) Benzaldehyde	6.09	77	46685	7.08	ng	94
10) Phenol	6.23	94	602973	43.43	ng	# 65
11) bis(2-Chloroethyl)ether	6.30	93	488352	43.86	ng	97
12) 1,3-Dichlorobenzene	6.49	146	430943	38.49	ng	99
13) 1,4-Dichlorobenzene	6.57	146	441698	38.21	ng	98
14) 1,2-Dichlorobenzene	6.72	146	373075m	35.52	ng	
15) Benzyl Alcohol	6.71	79	272439	39.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	486671	36.89	ng	74
17) 2-Methylphenol	6.83	107	340288	38.22	ng	99
18) Hexachloroethane	7.06	117	126821	30.23	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	287745	37.44	ng	94
20) 3+4-Methylphenols	6.99	107	438519	40.57	ng	95
22) Acetophenone	6.97	105	527850	36.42	ng	# 96
24) Nitrobenzene	7.14	77	403738	35.99	ng	97
25) Isophorone	7.39	82	806905	36.19	ng	95
26) 2-Nitrophenol	7.46	139	216797	39.86	ng	96
27) 2,4-Dimethylphenol	7.52	122	373847	39.07	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	540092	41.30	ng	99
29) 2,4-Dichlorophenol	7.71	162	310834	36.77	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	299911	35.97	ng	100
31) Naphthalene	7.86	128	1117638	37.98	ng	100
32) Benzoic acid	7.61	122	51544	7.76	ng	95
33) 4-Chloroaniline	7.93	127	241028	19.24	ng	97
34) Hexachlorobutadiene	7.99	225	158595	37.14	ng	99
35) Caprolactam	8.28	113	86073	30.49	ng	97
36) 4-Chloro-3-methylphenol	8.42	107	332705	33.90	ng	# 83
37) 2-Methylnaphthalene	8.55	142	651540	35.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	242240	39.07	ng	98
40) Hexachlorocyclopentadiene	8.71	237	31379	9.74	ng	100

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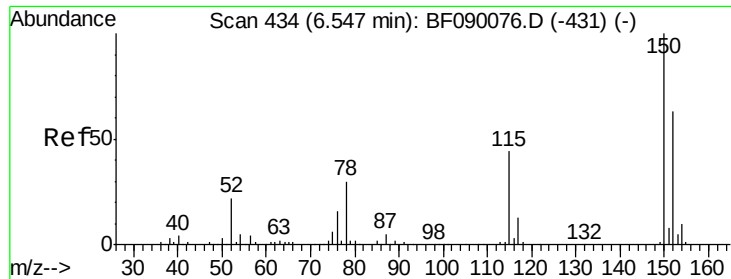
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	175538	39.07	ng	100
43) 2,4,5-Trichlorophenol	8.88	196	185465	38.37	ng	# 88
45) 1,1'-Biphenyl	9.02	154	718969	36.44	ng	99
46) 2-Chloronaphthalene	9.04	162	632085	43.24	ng	96
47) 2-Nitroaniline	9.14	65	189009	40.50	ng	86
48) Acenaphthylene	9.44	152	897885	36.57	ng	99
49) Dimethylphthalate	9.32	163	827210	46.19	ng	98
50) 2,6-Dinitrotoluene	9.38	165	148618	37.14	ng	94
51) Acenaphthene	9.62	154	543417	39.63	ng	99
52) 3-Nitroaniline	9.54	138	138531	28.45	ng	85
53) 2,4-Dinitrophenol	9.66	184	39043	17.95	ng	94
54) Dibenzofuran	9.79	168	781867	41.23	ng	95
55) 4-Nitrophenol	9.72	139	193780	56.55	ng	93
56) 2,4-Dinitrotoluene	9.78	165	192045	39.37	ng	# 82
57) Fluorene	10.12	166	535496	36.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	128104	34.75	ng	96
59) Diethylphthalate	10.02	149	651481	37.58	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	231271	40.06	ng	94
61) 4-Nitroaniline	10.16	138	147275	29.88	ng	98
62) Azobenzene	10.28	77	713892	39.24	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	41648	17.85	ng	# 67
65) n-Nitrosodiphenylamine	10.25	169	528643	45.51	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	140853	39.86	ng	94
67) Hexachlorobenzene	10.67	284	163313	39.22	ng	# 91
68) Atrazine	10.78	200	123519	35.78	ng	95
69) Pentachlorophenol	10.87	266	167802	68.78	ng	98
70) Phenanthrene	11.07	178	805249	45.45	ng	99
71) Anthracene	11.13	178	822642	42.53	ng	99
72) Carbazole	11.29	167	753748	37.98	ng	98
73) Di-n-butylphthalate	11.63	149	853445	38.35	ng	99
74) Fluoranthene	12.25	202	862460	46.46	ng	99
76) Benzidine	12.39	184	19468	1.65	ng	# 50
77) Pyrene	12.48	202	908890	42.98	ng	99
79) Butylbenzylphthalate	13.12	149	379764	36.06	ng	99
80) Benzo(a)anthracene	13.66	228	687517m	40.64	ng	
81) 3,3'-Dichlorobenzidine	13.63	252	155215	21.89	ng	97
82) Chrysene	13.69	228	639453m	40.30	ng	
83) Bis(2-ethylhexyl)phthalate	13.68	149	491970	37.77	ng	99
84) Di-n-octyl phthalate	14.29	149	891603	38.29	ng	99
85) Indeno(1,2,3-cd)pyrene	16.18	276	468753	34.00	ng	100
87) Benzo(b)fluoranthene	14.65	252	711194m	54.92	ng	
88) Benzo(k)fluoranthene	14.67	252	393884m	33.79	ng	
89) Benzo(a)pyrene	14.95	252	496857	42.79	ng	# 97
90) Dibenzo(a,h)anthracene	16.21	278	381581	41.96	ng	99
91) Benzo(g,h,i)perylene	16.54	276	392093	45.18	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

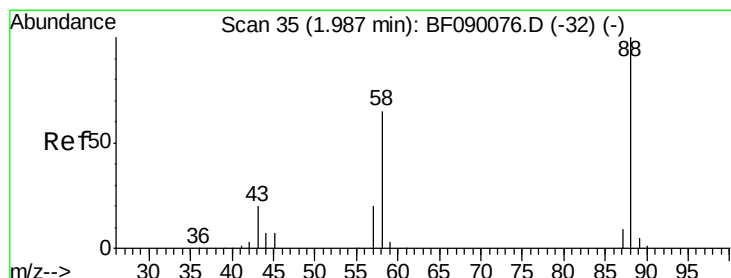
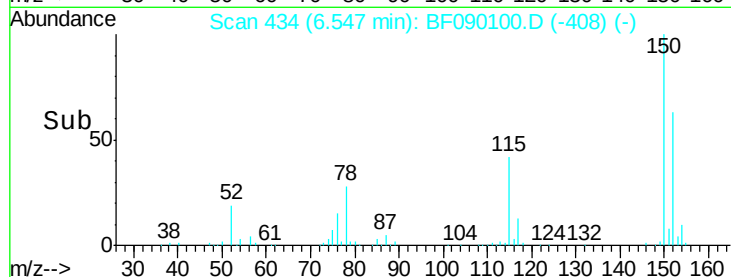
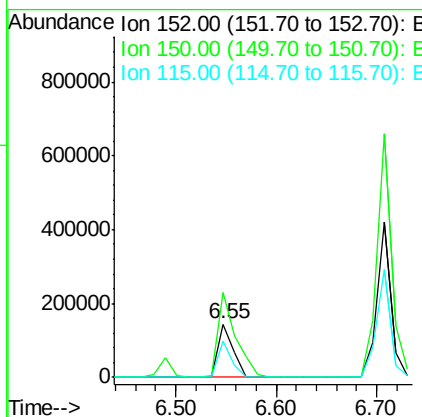
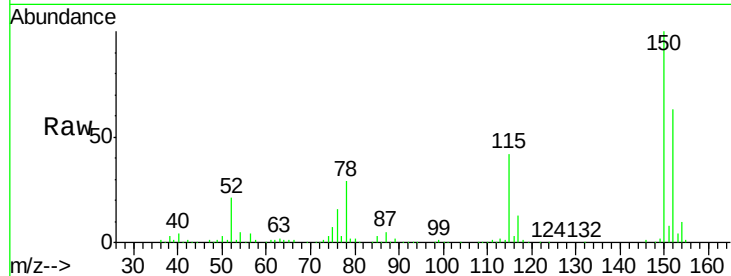
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	152	Resp:	151942
Ion Ratio	Lower	Upper	
152	100		
150	159.4	128.9	193.3
115	67.6	55.5	83.3

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#2

1,4-Dioxane

Concen: 28.15 ng

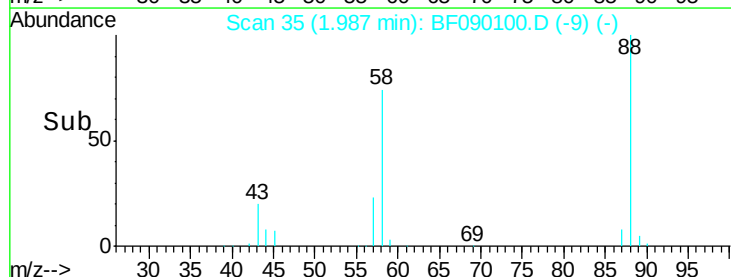
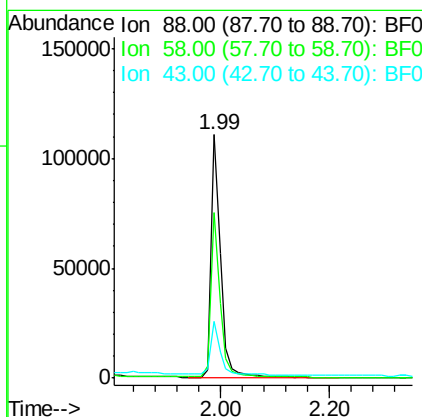
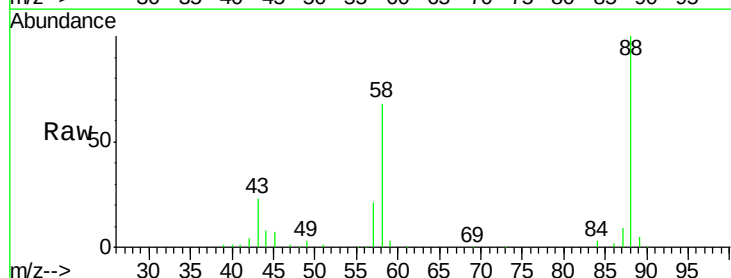
RT: 1.99 min Scan# 35

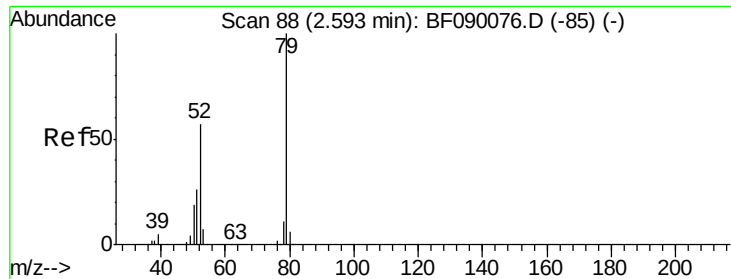
Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	88	Resp:	138877
Ion Ratio	Lower	Upper	
88	100		
58	65.0	53.4	80.0
43	24.2	16.5	24.7





#3

Pyridine

Concen: 25.83 ng

RT: 2.60 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

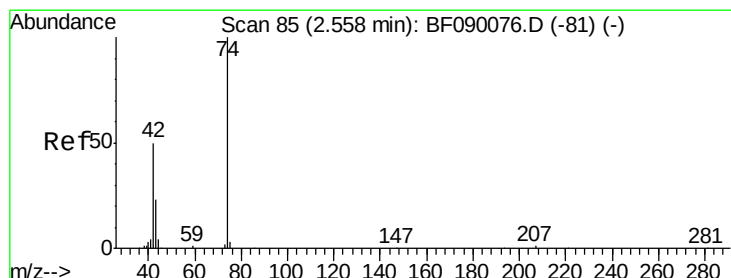
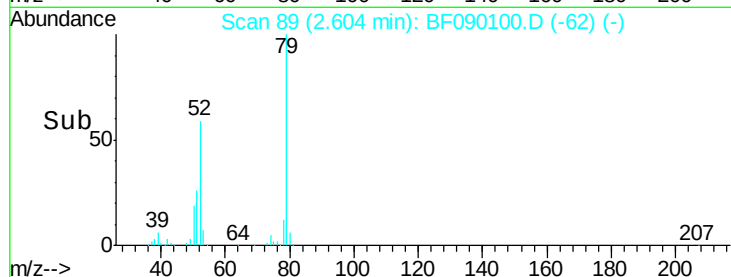
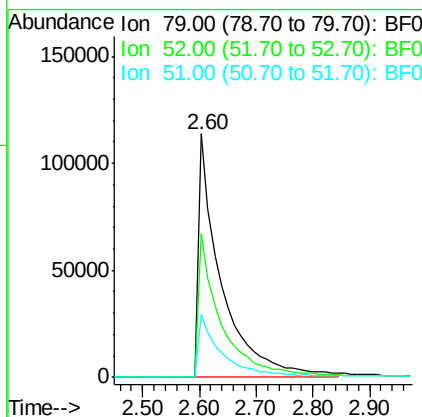
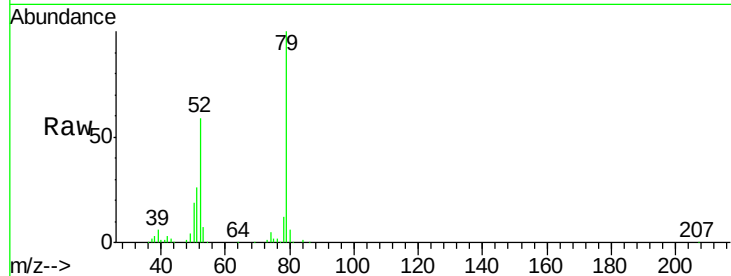
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	79	Resp:	309848
Ion	Ratio	Lower	Upper
79	100		
52	58.8	45.9	68.9
51	26.0	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 37.08 ng

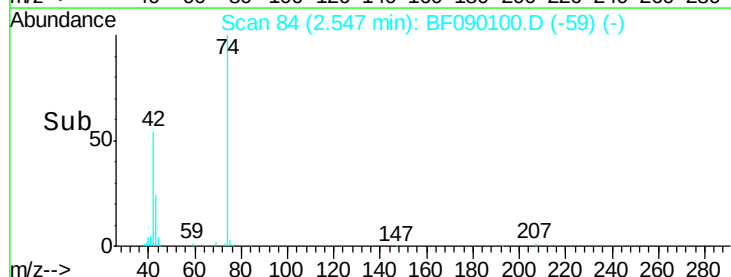
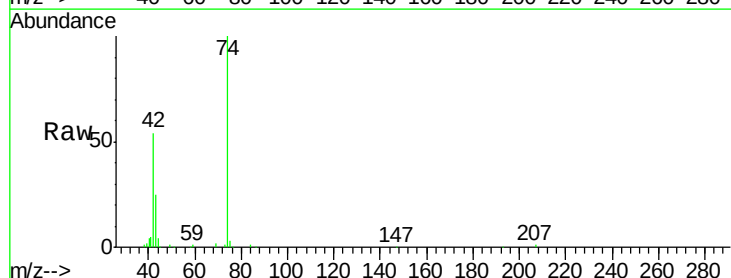
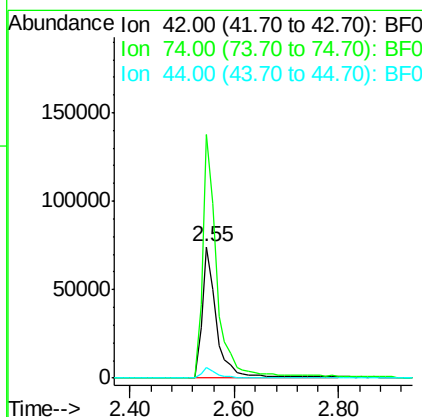
RT: 2.55 min Scan# 84

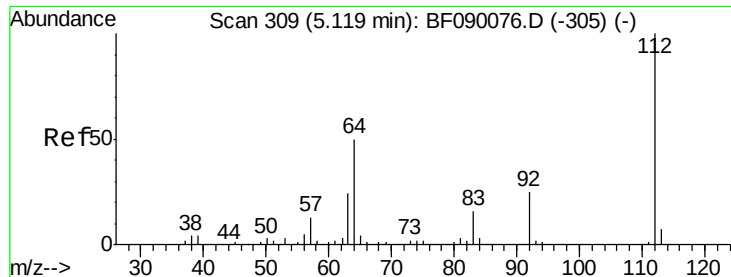
Delta R.T. -0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	42	Resp:	145324
Ion	Ratio	Lower	Upper
42	100		
74	185.2	158.7	238.1
44	8.0	6.4	9.6





#5

2-Fluorophenol

Concen: 118.44 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

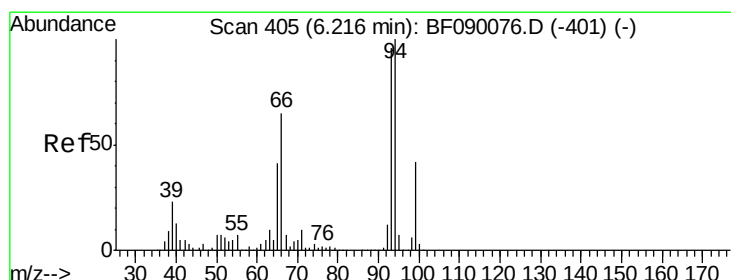
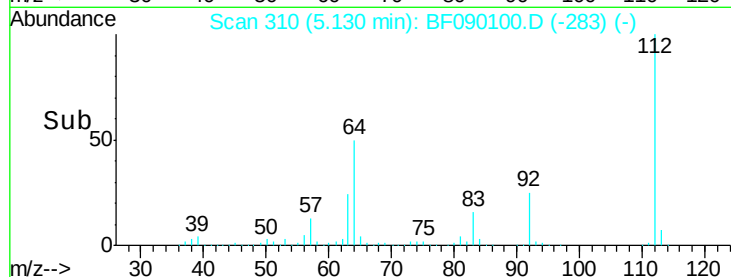
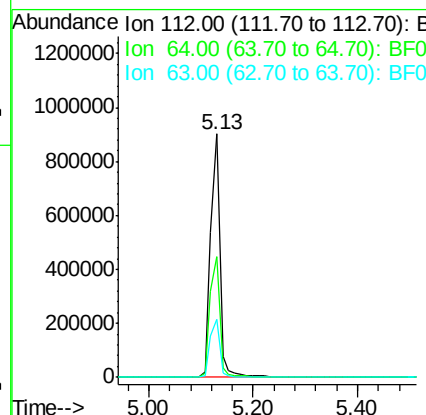
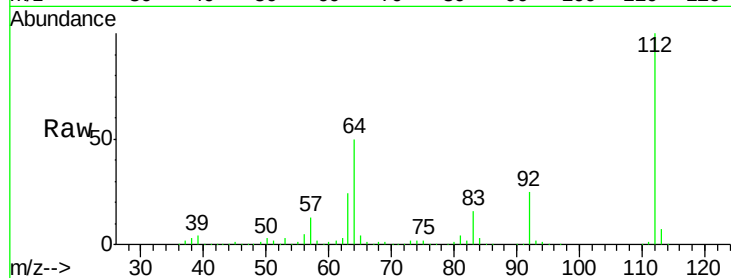
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	112	Resp:	1118925
Ion	Ratio	Lower	Upper
112	100		
64	49.6	39.8	59.6
63	24.0	18.9	28.3

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#6

Aniline

Concen: 21.05 ng

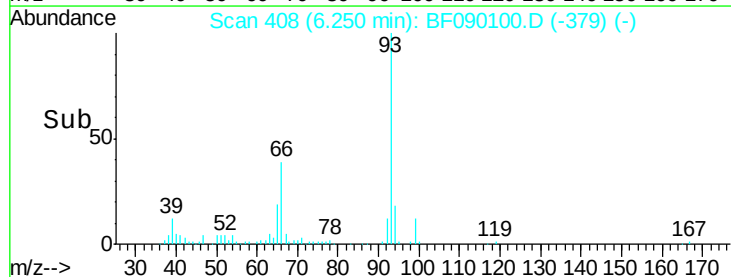
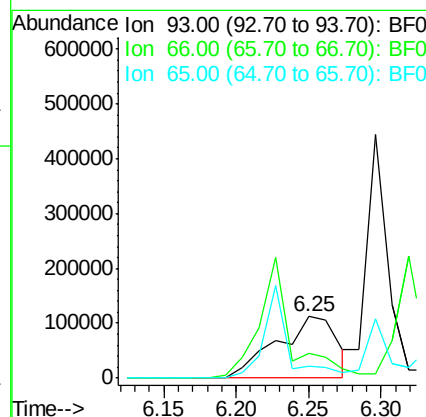
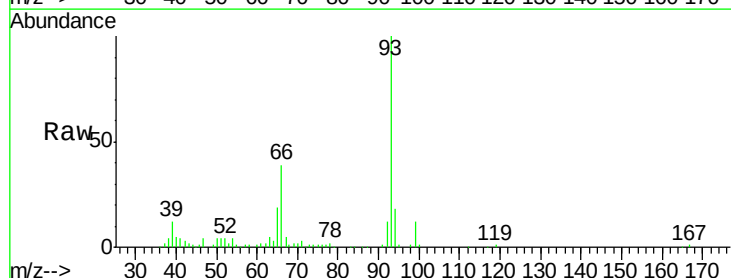
RT: 6.25 min Scan# 408

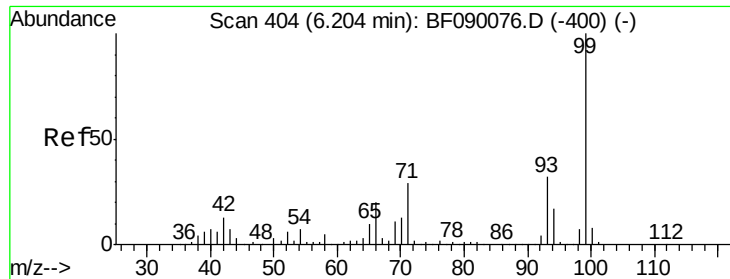
Delta R.T. 0.03 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	93	Resp:	323161
Ion	Ratio	Lower	Upper
93	100		
66	39.2	54.2	81.2#
65	19.4	33.8	50.6#





#7

Phenol-d6

Concen: 113.38 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MSD

Tgt Ion: 99 Resp: 1402358

Ion Ratio Lower Upper

99 100

42 12.2 10.6 15.8

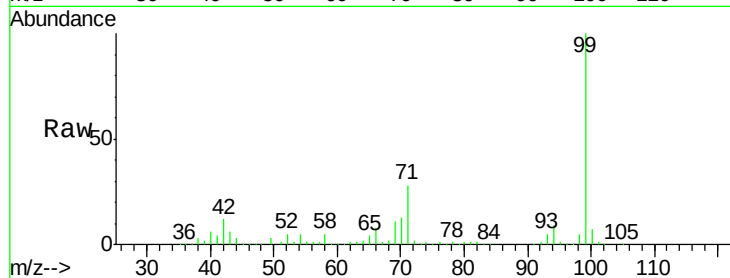
71 28.2 23.0 34.6

Manual Integrations

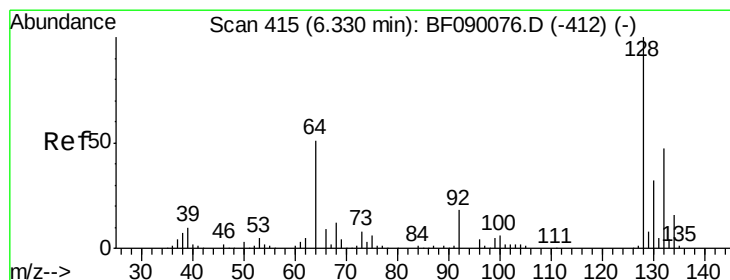
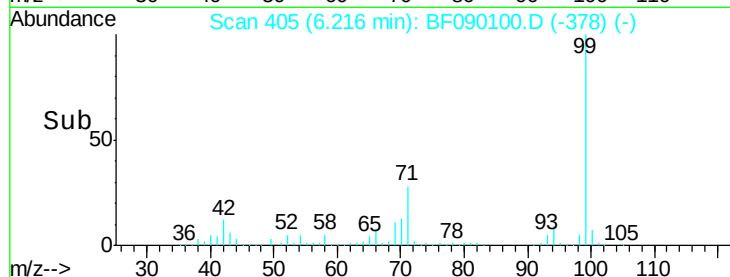
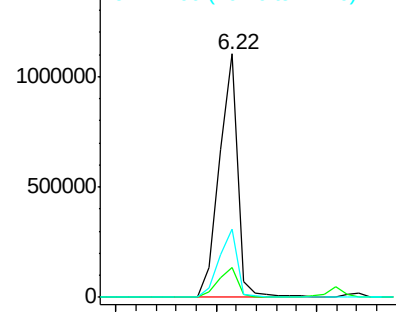
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.55 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

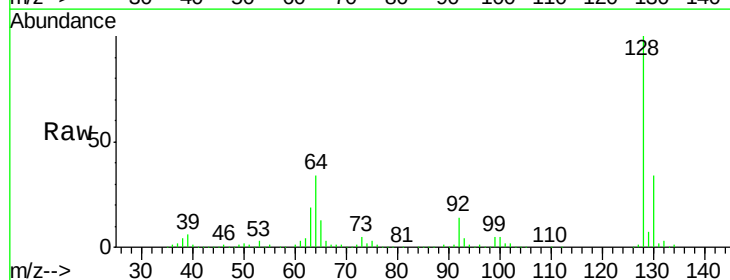
Tgt Ion: 128 Resp: 408708

Ion Ratio Lower Upper

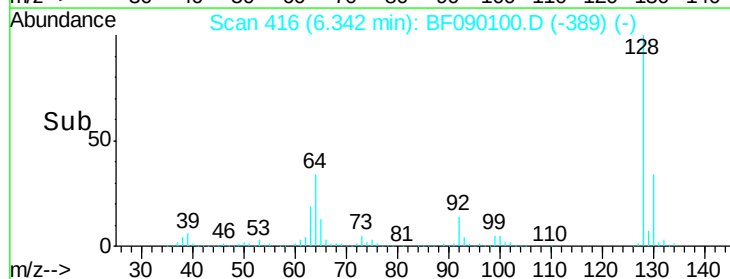
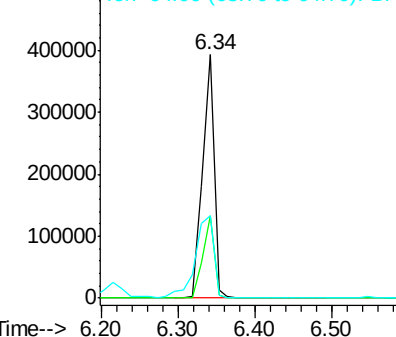
128 100

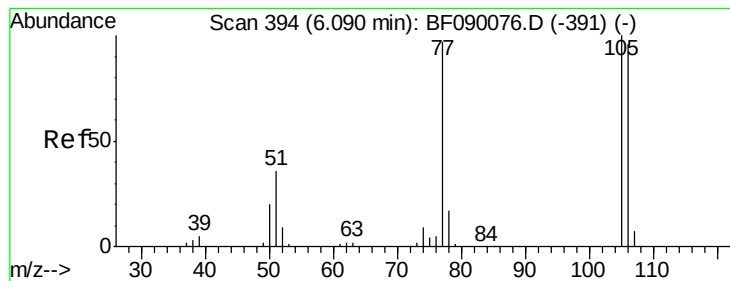
130 33.7 12.0 52.0

64 33.7 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: 7.08 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

ClientSampleId :

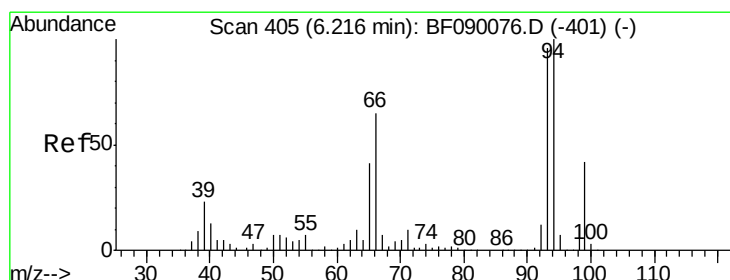
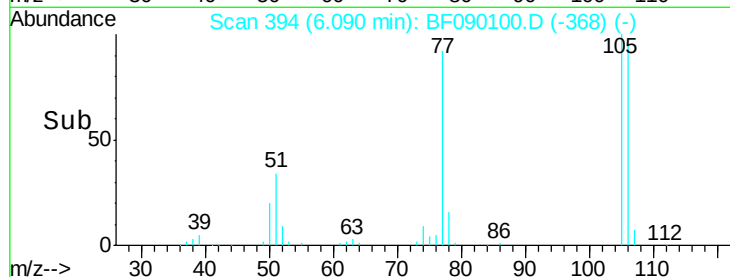
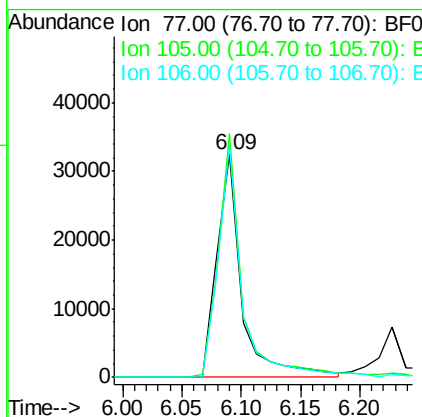
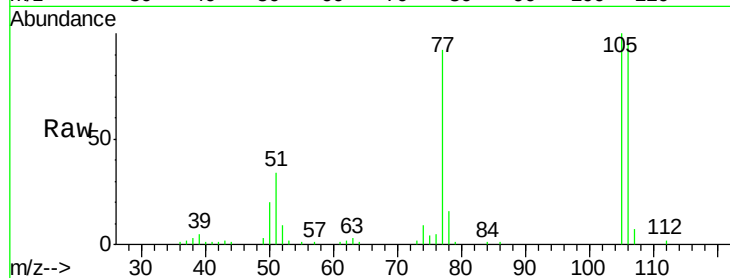
NC-TS-005MSD

Tgt Ion:	77	Resp:	46685
Ion	Ratio	Lower	Upper
77	100		
105	109.1	83.0	123.0
106	103.9	78.5	118.5

Manual Integrations
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#10

Phenol

Concen: 43.43 ng

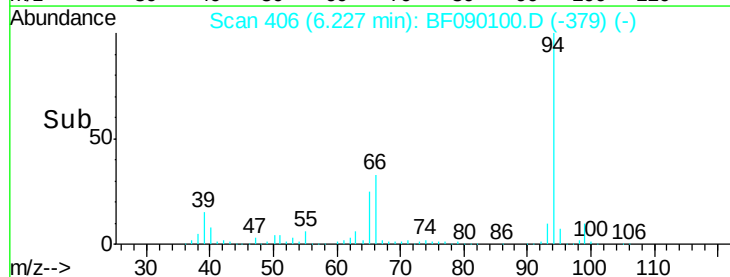
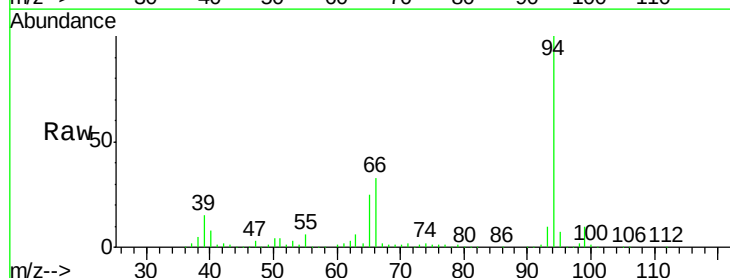
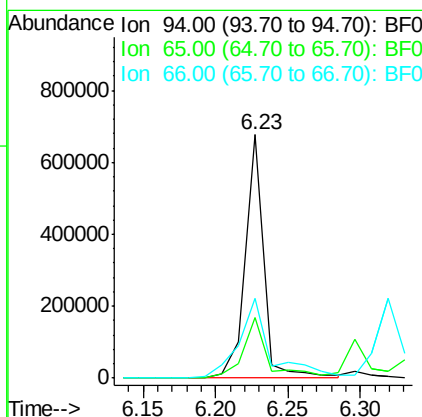
RT: 6.23 min Scan# 406

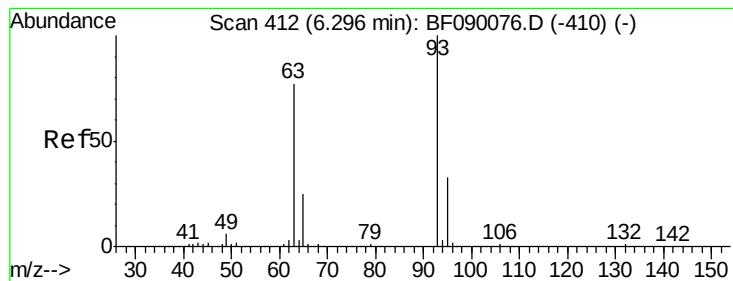
Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	94	Resp:	602973
Ion	Ratio	Lower	Upper
94	100		
65	24.9	20.6	60.6
66	32.6	45.1	85.1#





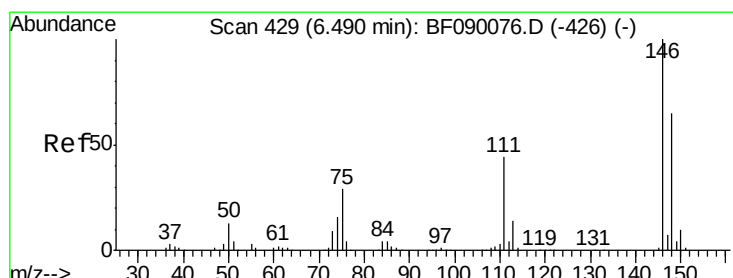
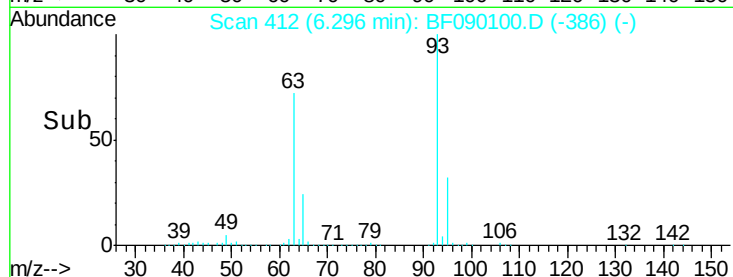
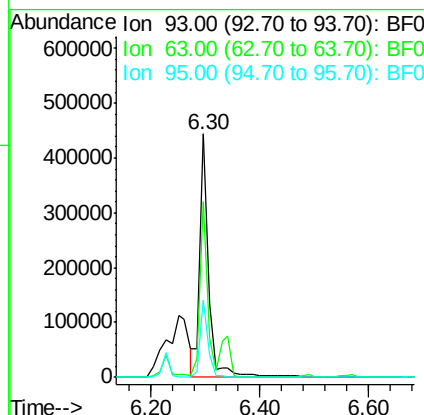
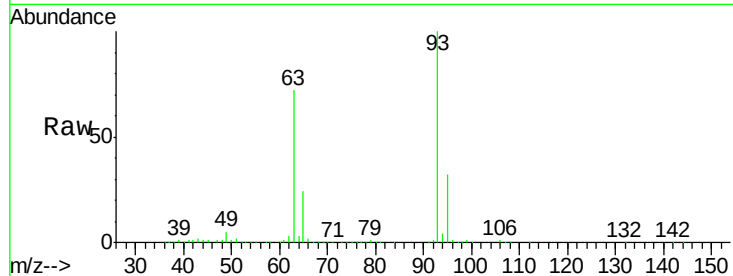
#11
bis(2-Chloroethyl)ether
Concen: 43.86 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	72.2	55.6	95.6
95	31.6	12.6	52.6

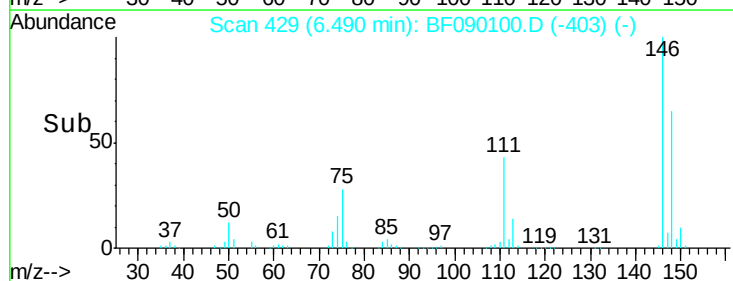
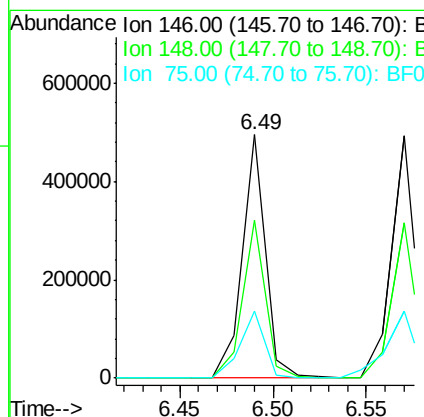
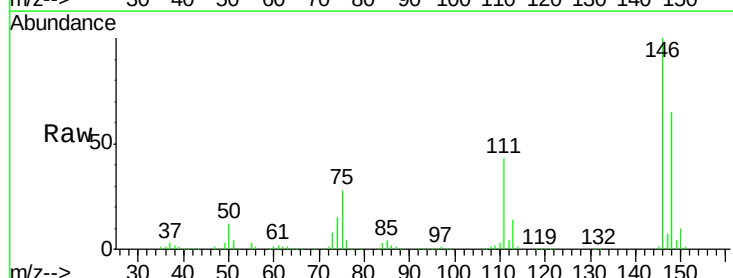
Manual Integrations
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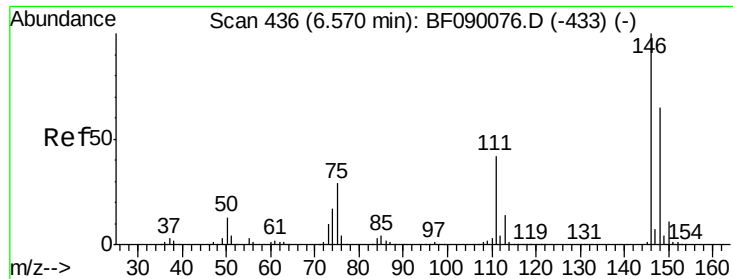
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#12
1,3-Dichlorobenzene
Concen: 38.49 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.0	51.9	77.9
75	27.5	22.8	34.2





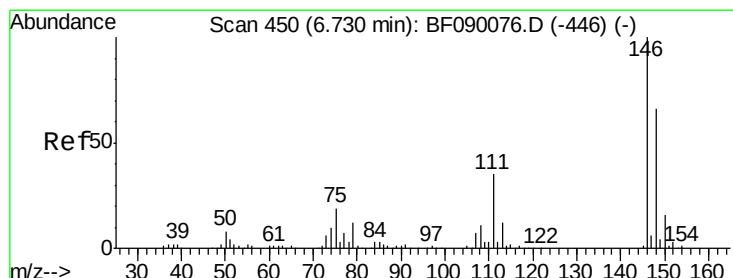
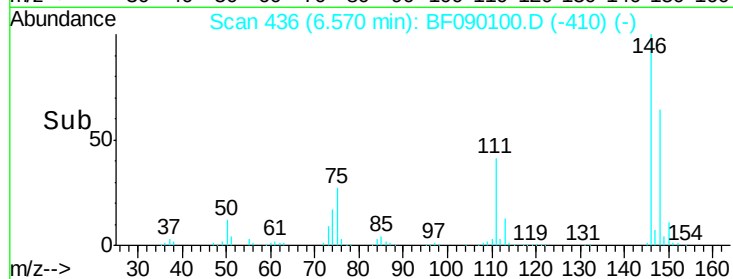
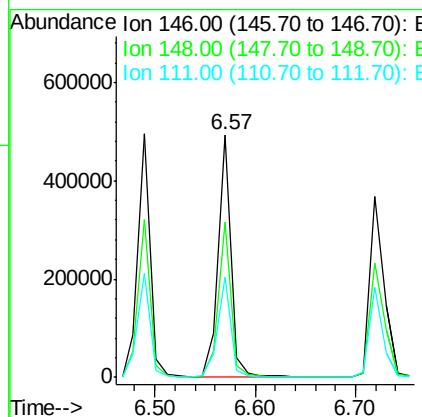
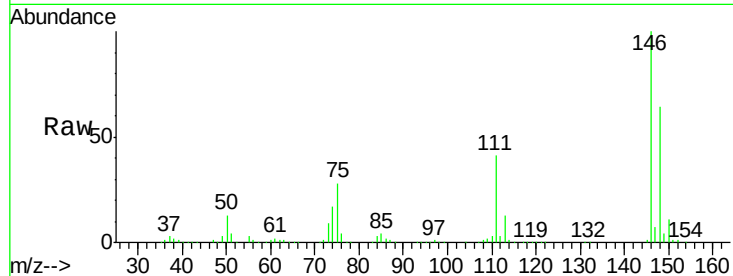
#13
 1,4-Dichlorobenzene
 Concen: 38.21 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	441698		
148	63.8	52.0	78.0	
111	41.1	33.8	50.6	

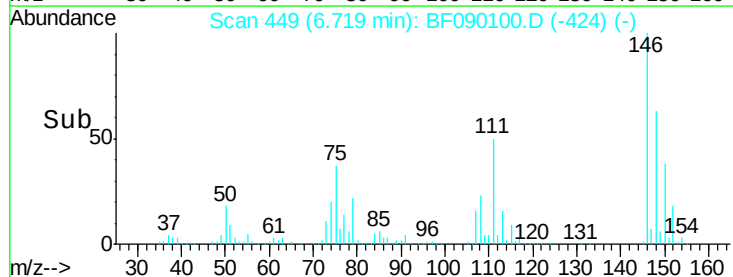
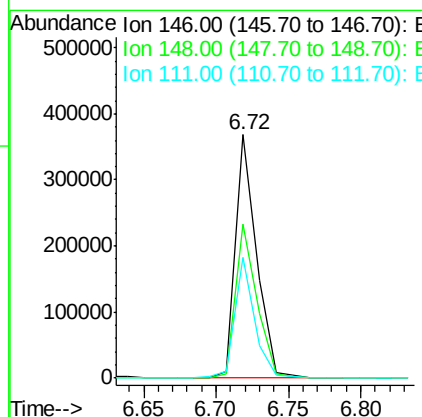
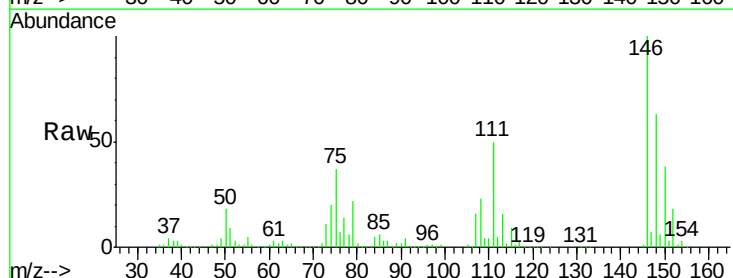
Manual Integrations
 APPROVED

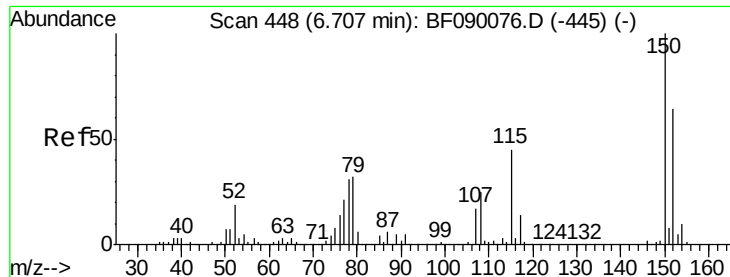
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#14
 1,2-Dichlorobenzene
 Concen: 35.52 ng m
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	373075		
148	63.1	52.6	79.0	
111	49.6	28.2	42.2#	





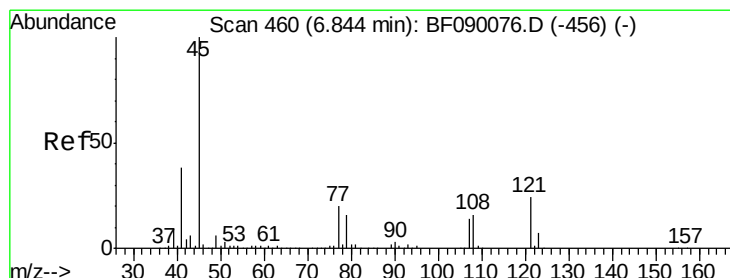
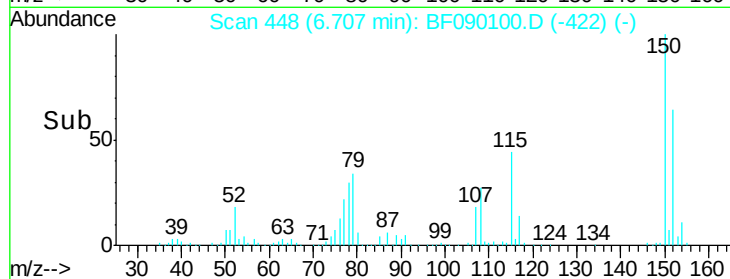
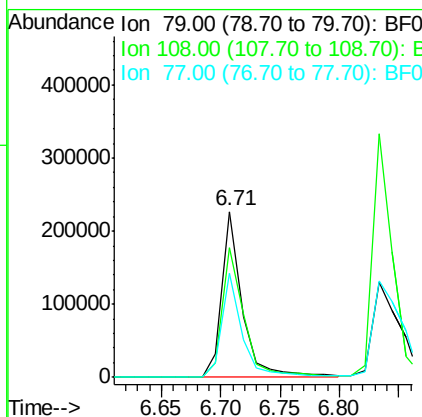
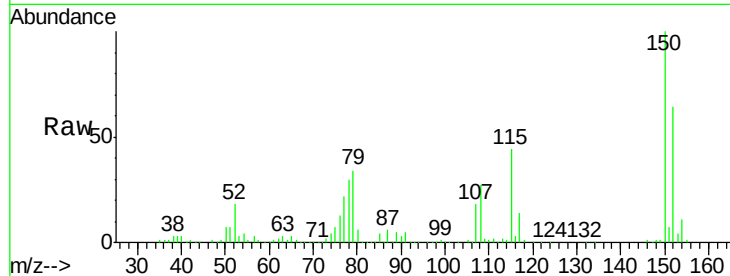
#15
Benzyl Alcohol
Concen: 39.11 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.5	62.2	93.4
77	63.0	51.4	77.0

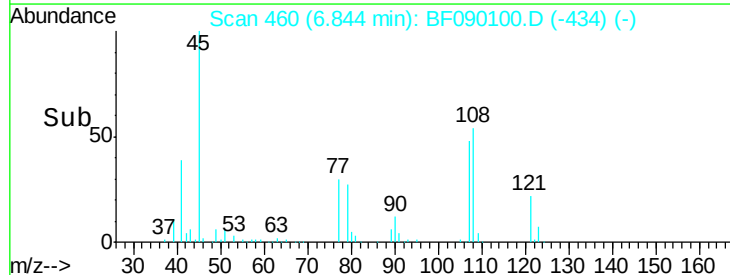
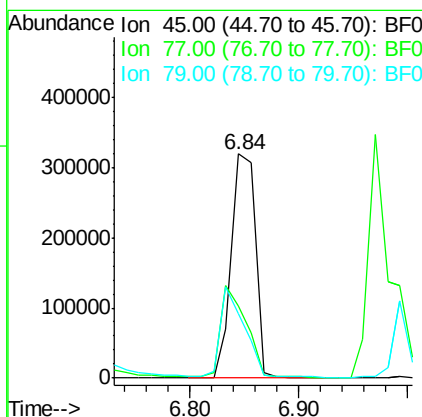
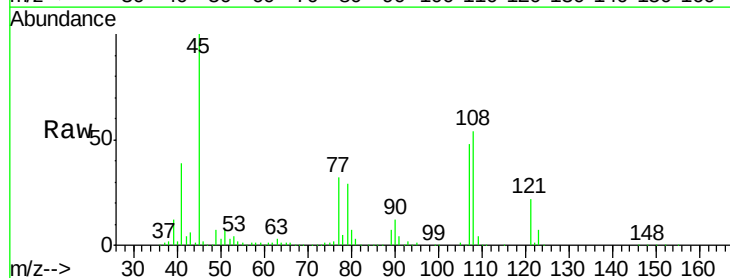
Manual Integrations
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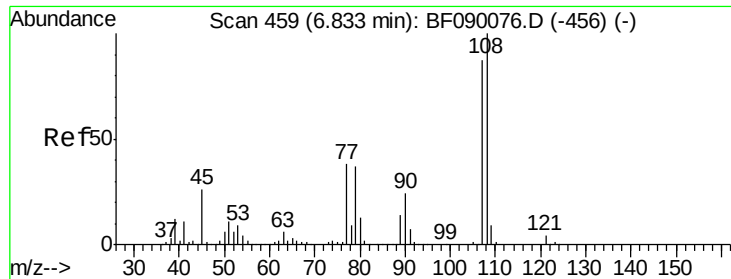
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.89 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.3	0.5	40.5
79	28.6	0.0	37.0





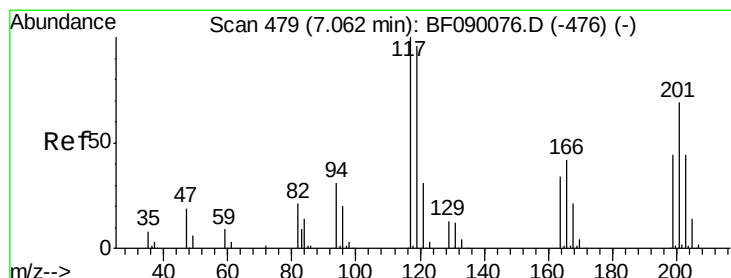
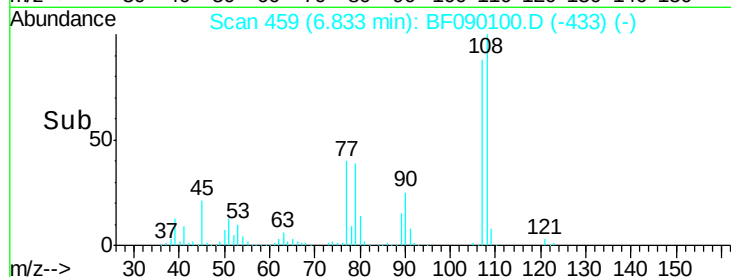
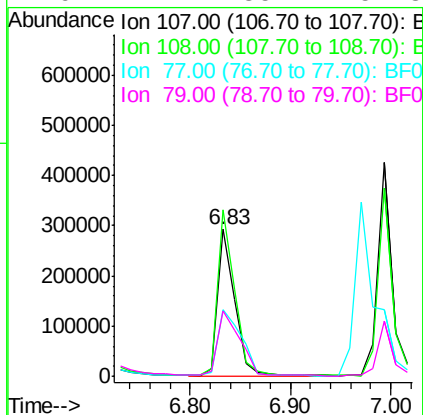
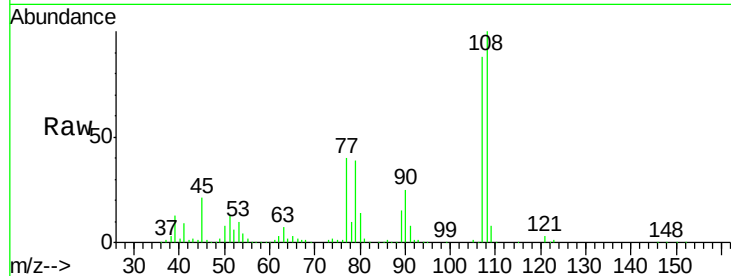
#17
2-Methylphenol
Concen: 38.22 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion:	107	Resp:	340288
Ion Ratio	Lower	Upper	
107	100		
108	113.8	92.0	138.0
77	45.2	35.6	53.4
79	44.2	35.2	52.8

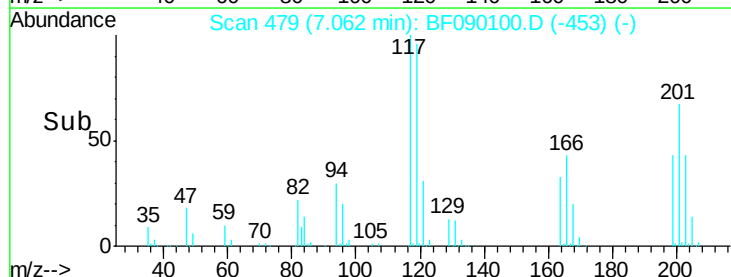
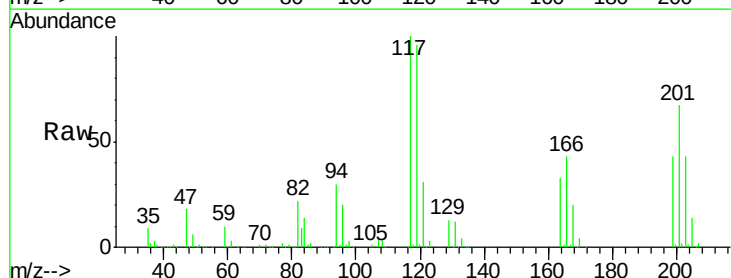
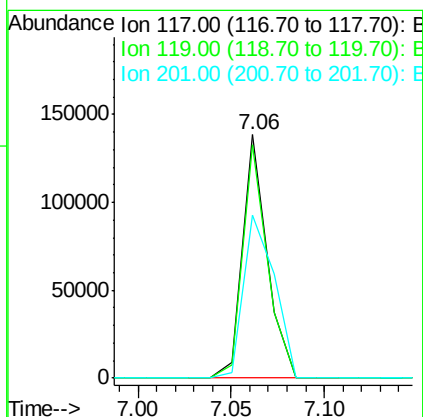
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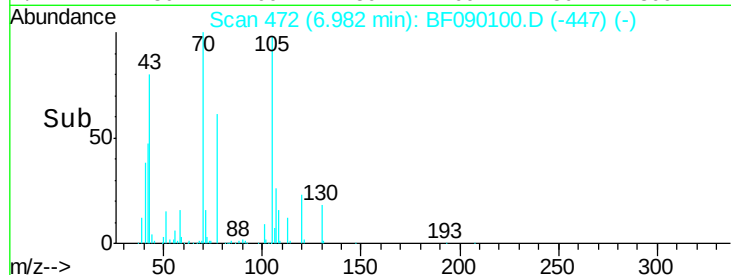
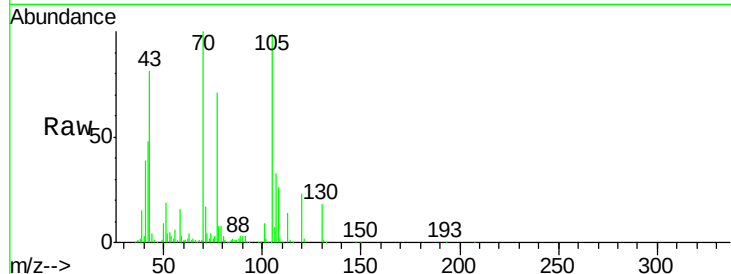
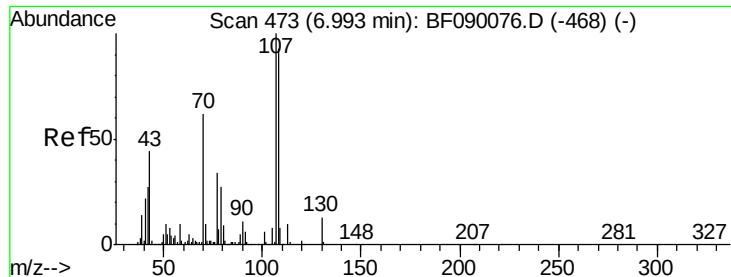
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#18
Hexachloroethane
Concen: 30.23 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion:	117	Resp:	126821
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.6	115.0
201	67.0	55.5	83.3





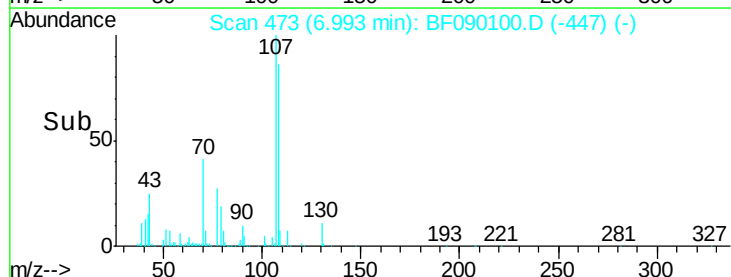
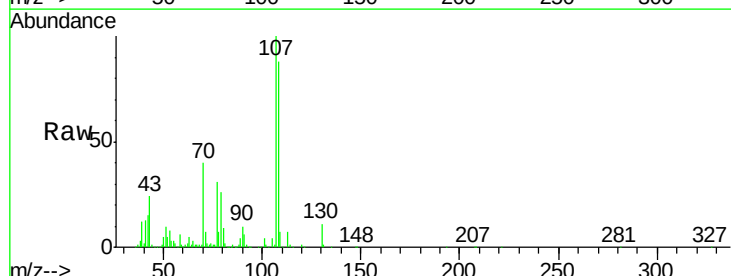
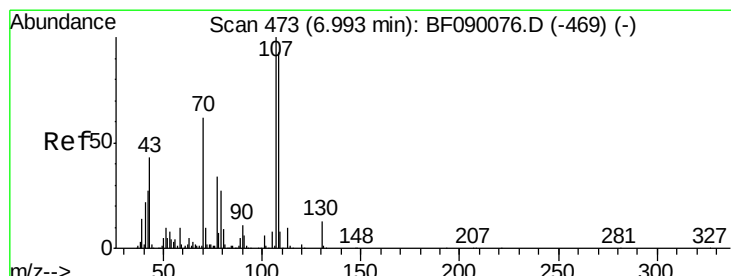
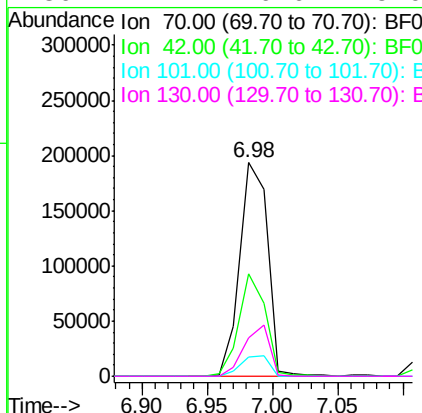
#19
n-Nitroso-di-n-propylamine
Concen: 37.44 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	287745		
42	48.2	35.1	52.7	
101	8.9	7.5	11.3	
130	17.7	16.6	25.0	

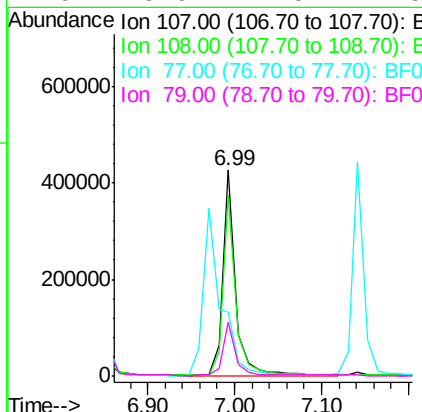
Manual Integrations
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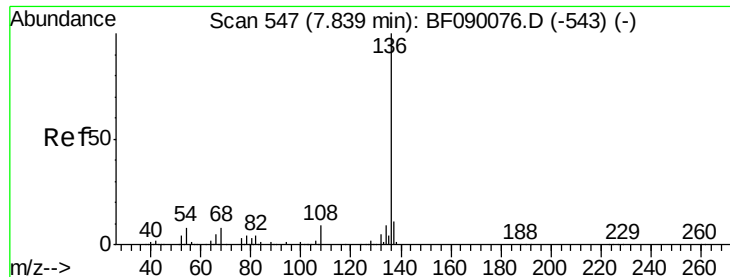
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#20
3+4-Methylphenols
Concen: 40.57 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	438519		
108	87.9	73.3	113.3	
77	31.0	14.1	54.1	
79	25.9	7.5	47.5	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

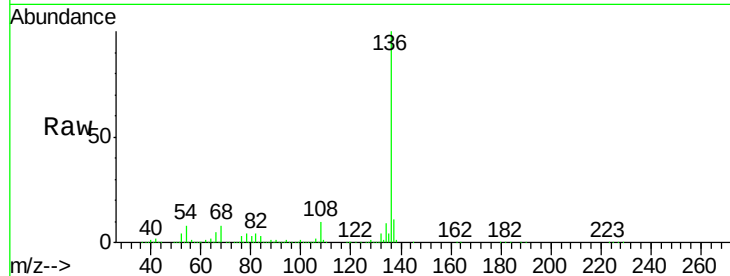
ClientSampleId :

NC-TS-005MSD

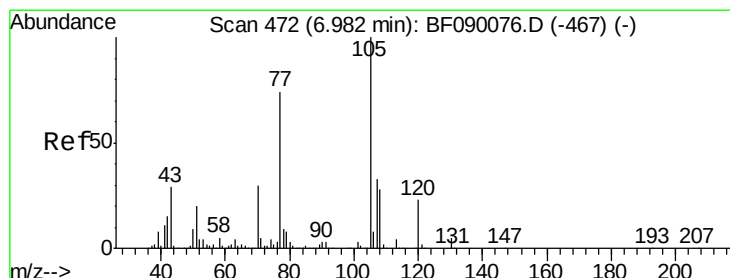
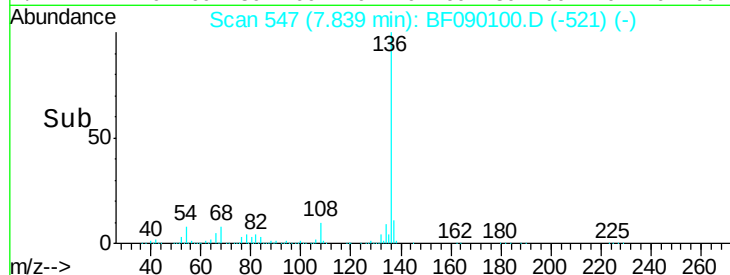
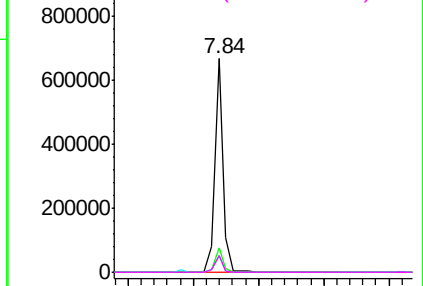
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	598705		
137	11.3	9.0	13.4	
54	7.8	6.4	9.6	
68	7.6	6.3	9.5	

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 36.42 ng

RT: 6.97 min Scan# 471

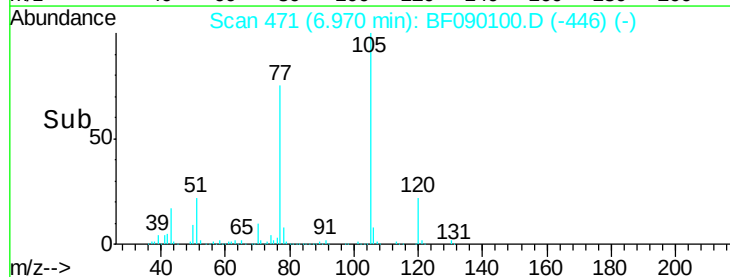
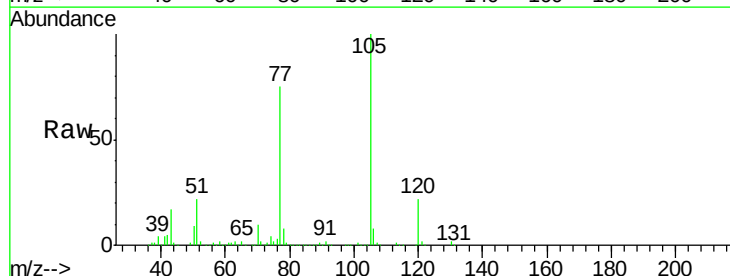
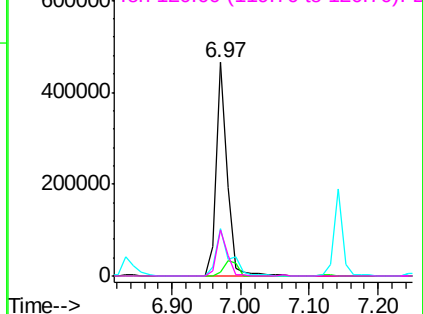
Delta R.T. -0.01 min

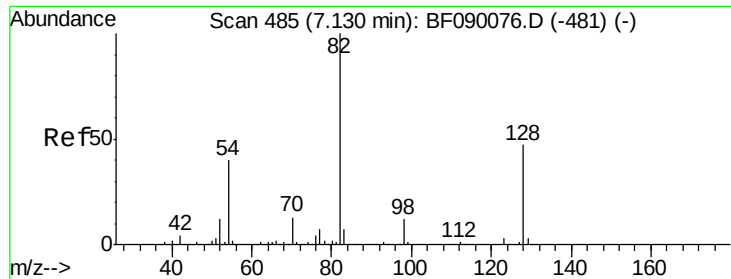
Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	527850		
71	1.8	4.1	6.1#	
51	21.9	16.2	24.2	
120	21.7	18.2	27.2	

Abundance Ion 105.00 (104.70 to 105.70): E





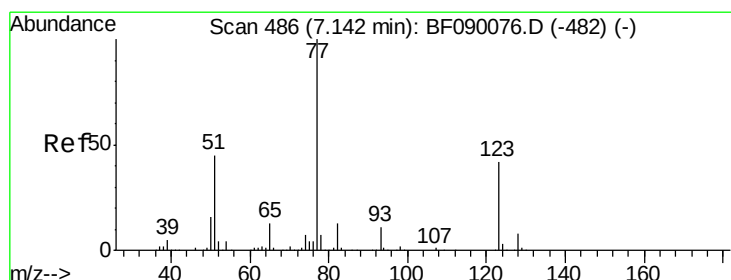
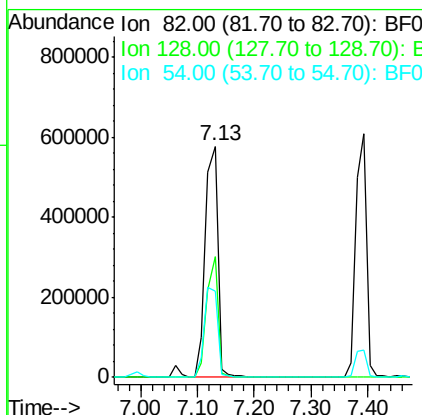
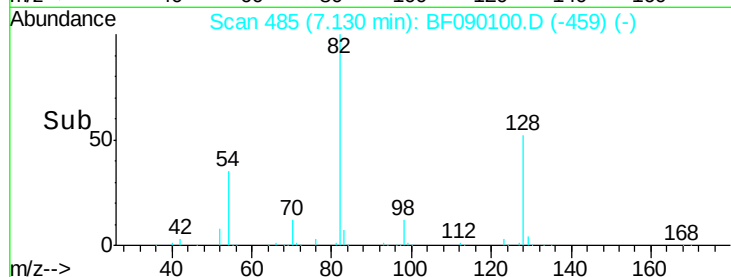
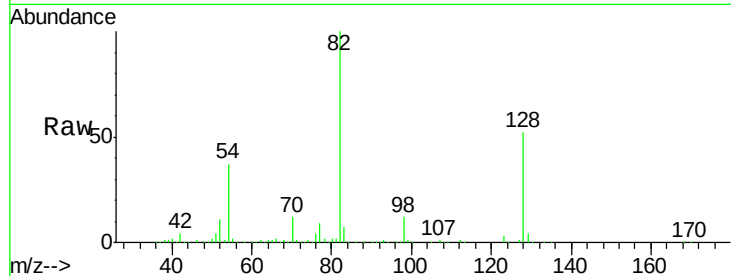
#23
 Nitrobenzene-d5
 Concen: 80.86 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.0	37.5	56.3
54	37.0	31.9	47.9

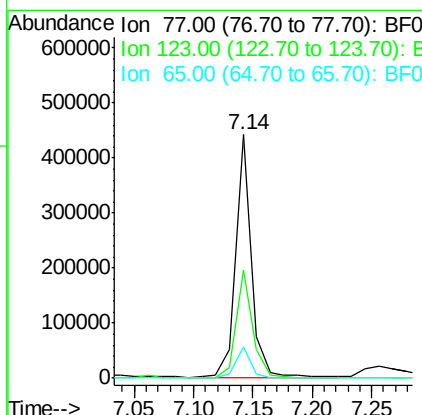
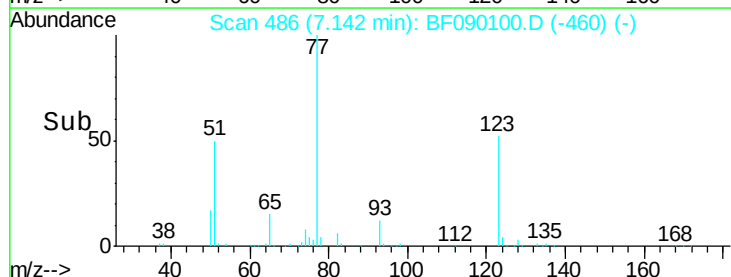
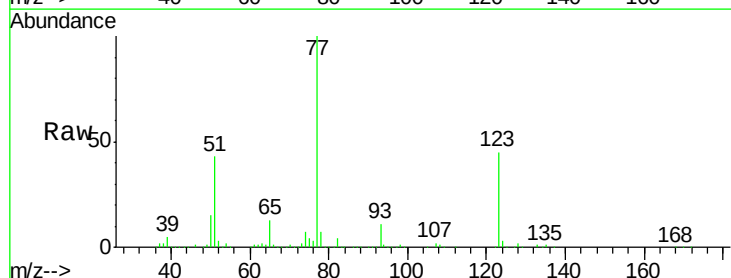
Manual Integrations
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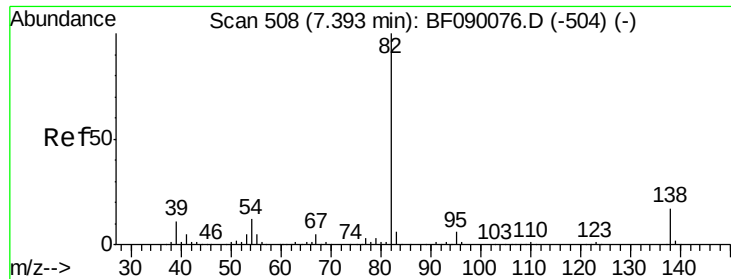
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#24
 Nitrobenzene
 Concen: 35.99 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.4	50.2
65	12.6	10.1	15.1





#25

Isophorone

Concen: 36.19 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

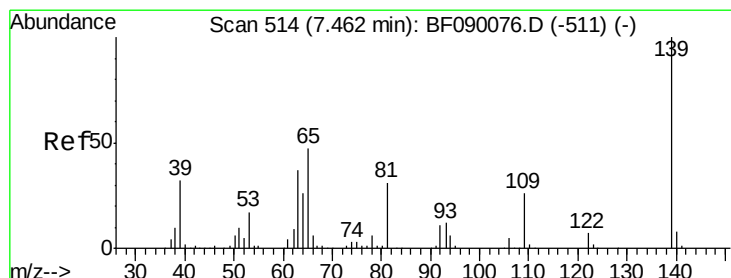
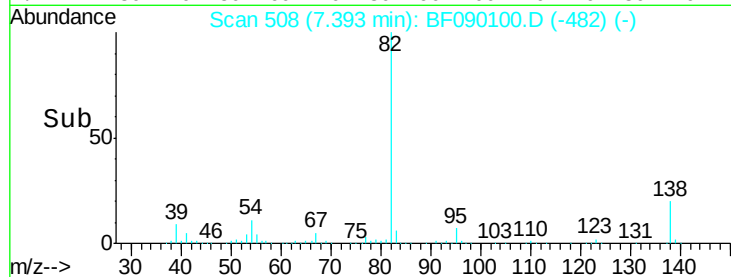
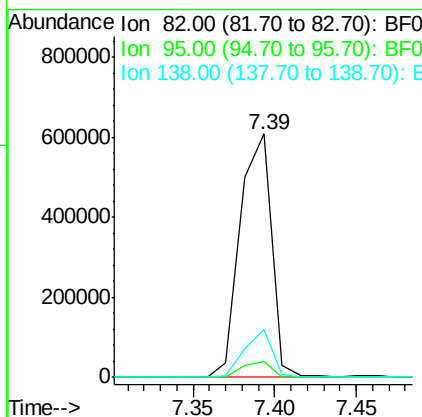
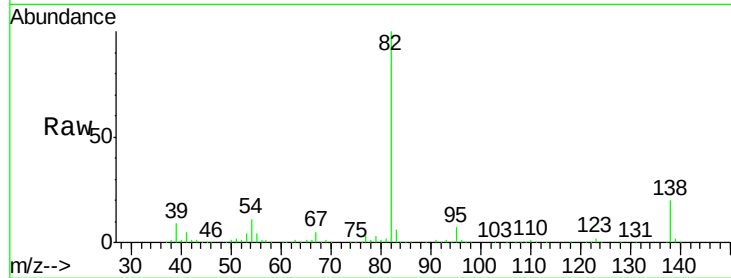
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	82	Resp:	806905
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.1	7.7
138	19.7	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.86 ng

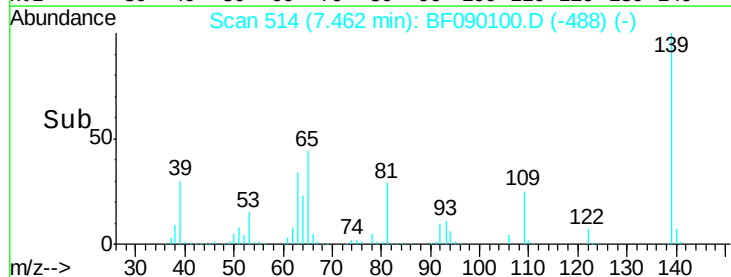
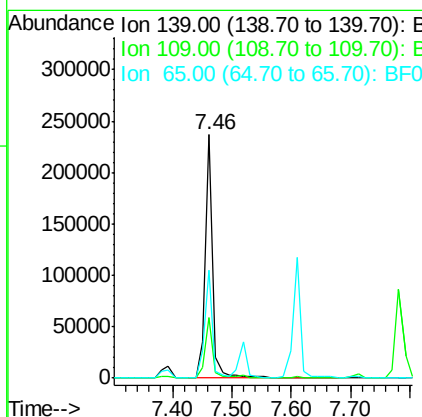
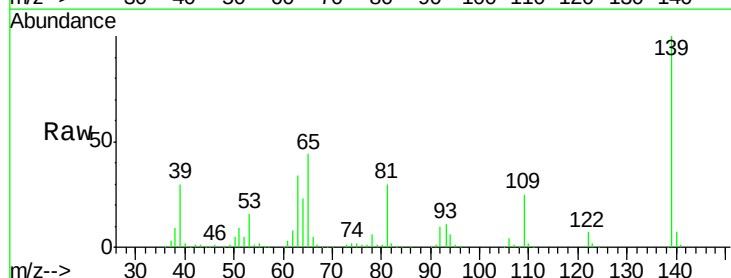
RT: 7.46 min Scan# 514

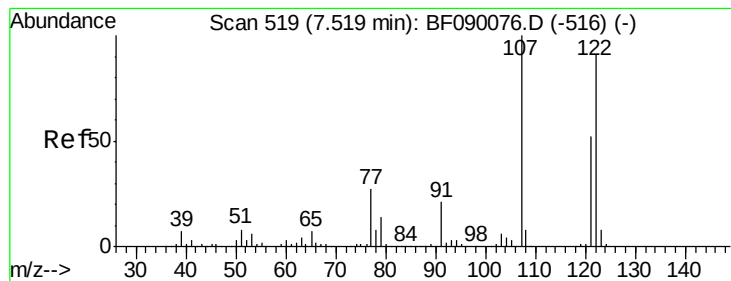
Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	139	Resp:	216797
Ion Ratio	Lower	Upper	
139	100		
109	24.9	20.5	30.7
65	44.2	37.9	56.9





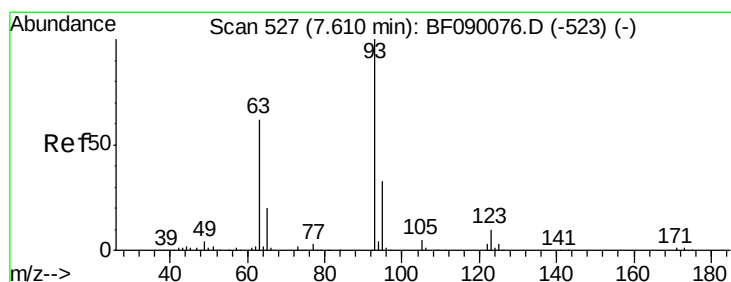
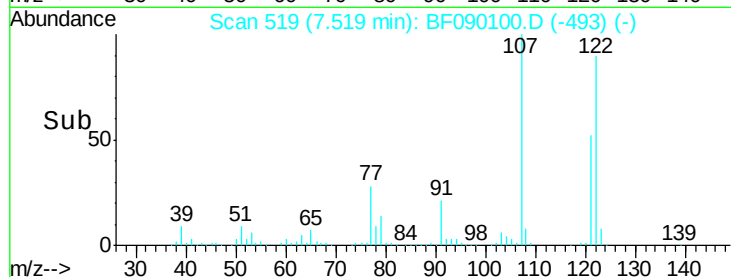
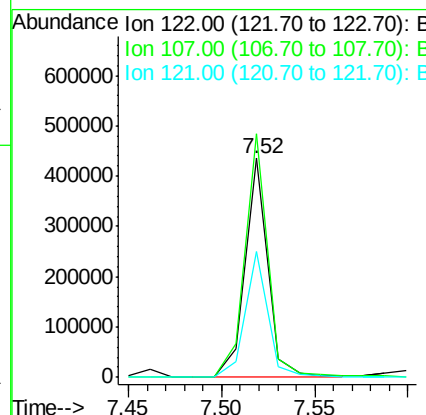
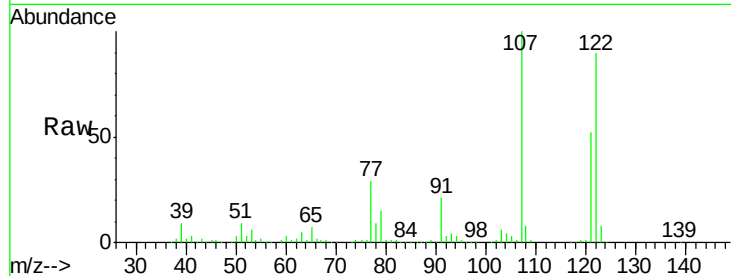
#27
 2,4-Dimethylphenol
 Concen: 39.07 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	373847		
107	111.2	87.8	131.6	
121	57.7	45.7	68.5	

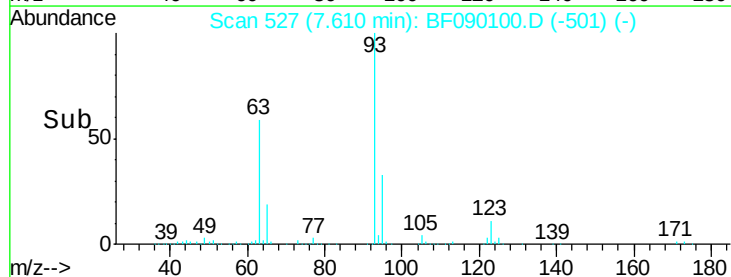
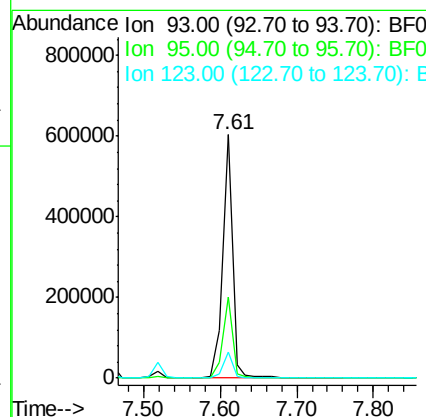
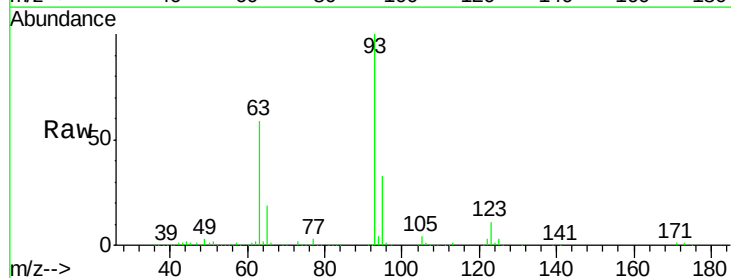
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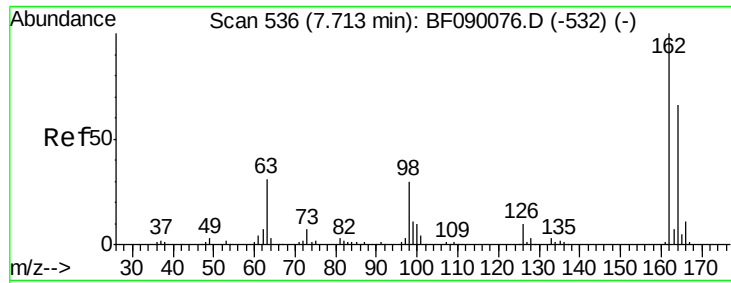
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.30 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	540092		
95	33.1	26.8	40.2	
123	10.9	8.5	12.7	





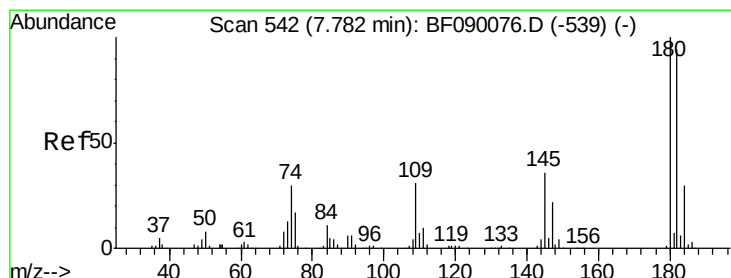
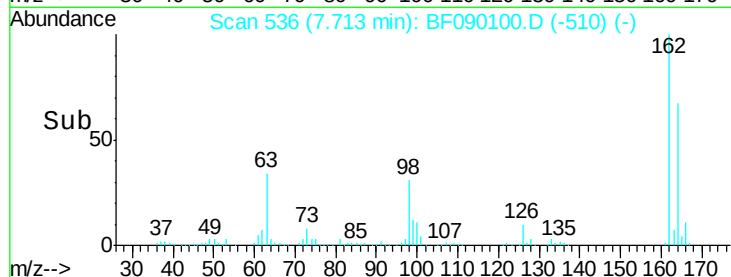
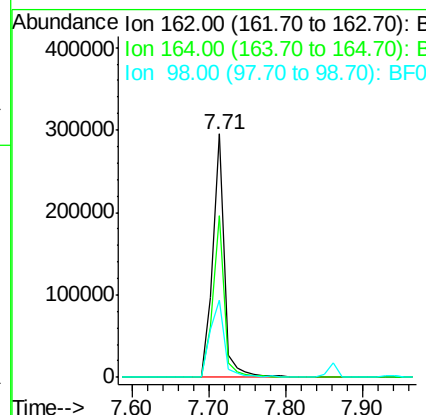
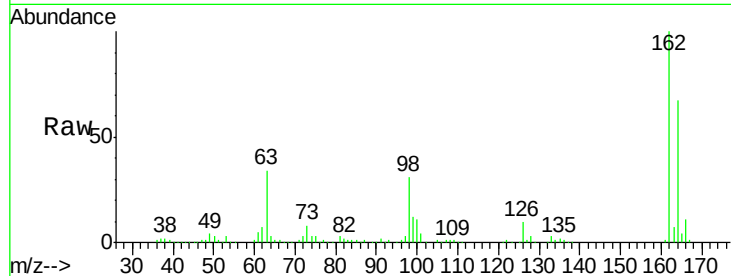
#29
 2,4-Dichlorophenol
 Concen: 36.77 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	310834		
164	66.5	46.2	86.2	
98	31.5	10.4	50.4	

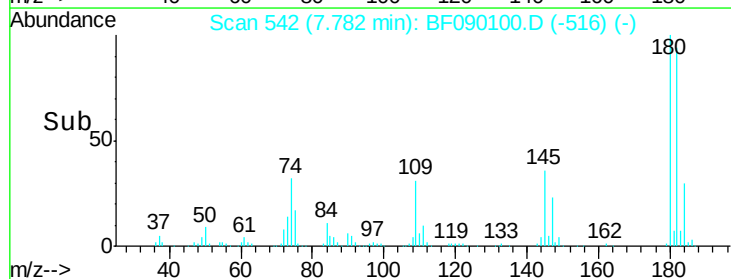
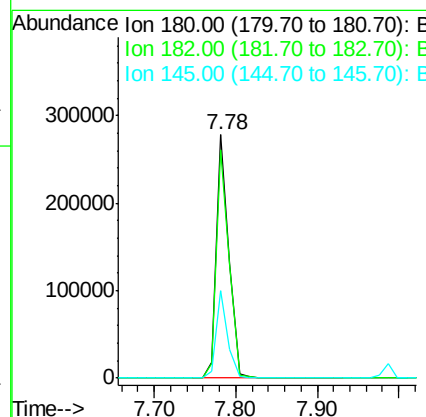
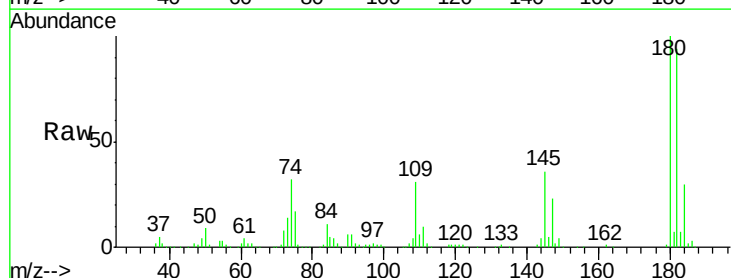
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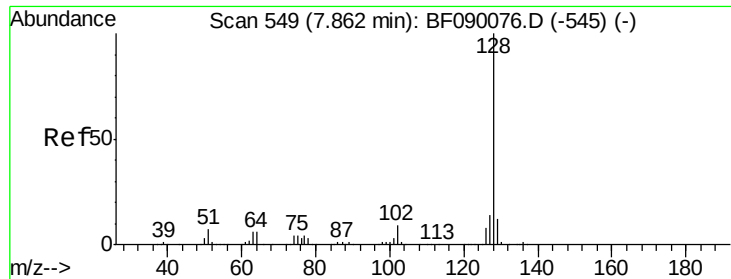
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.97 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299911		
182	94.0	75.0	112.6	
145	36.1	28.6	42.8	





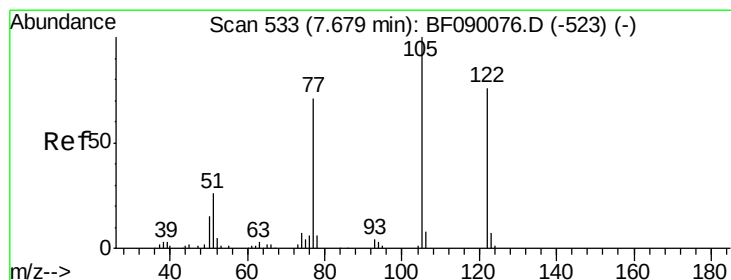
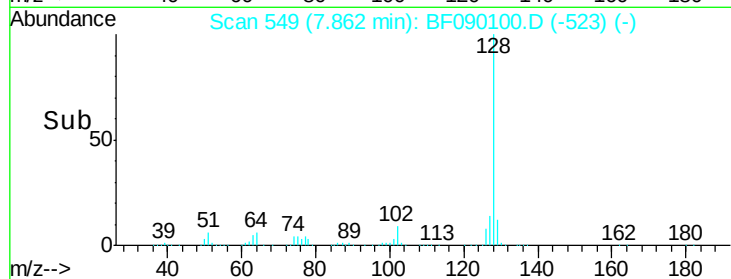
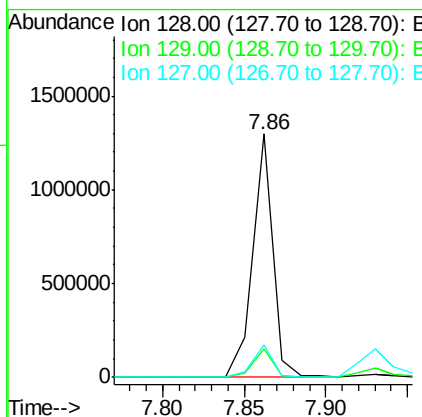
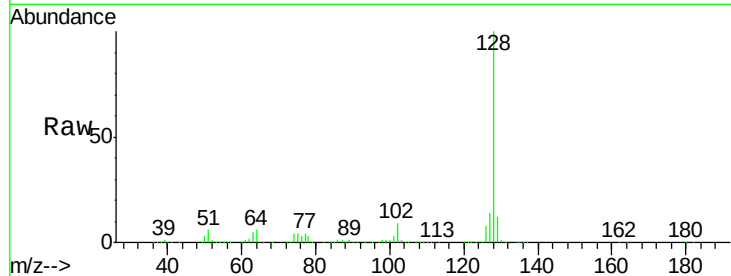
#31
Naphthalene
Concen: 37.98 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion:128 Resp: 1117638
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.8 16.2

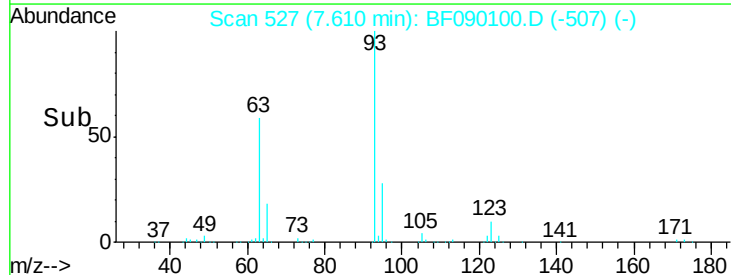
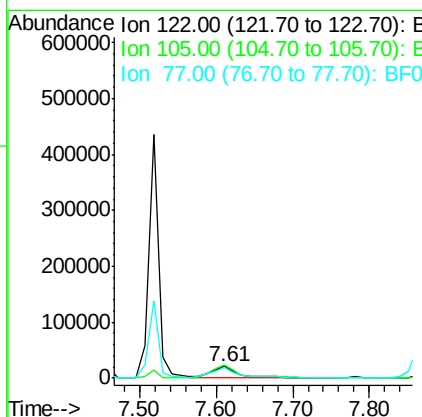
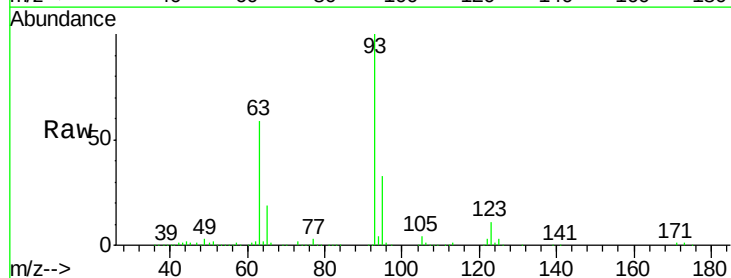
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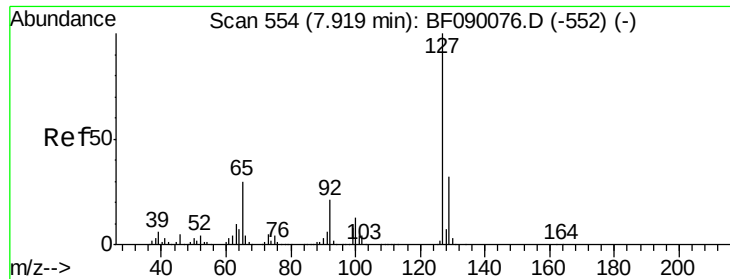
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#32
Benzoic acid
Concen: 7.76 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.07 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion:122 Resp: 51544
Ion Ratio Lower Upper
122 100
105 117.1 105.0 145.0
77 89.3 70.4 110.4





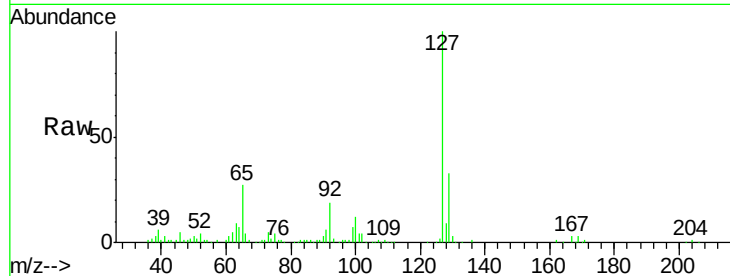
#33
4-Chloroaniline
Concen: 19.24 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

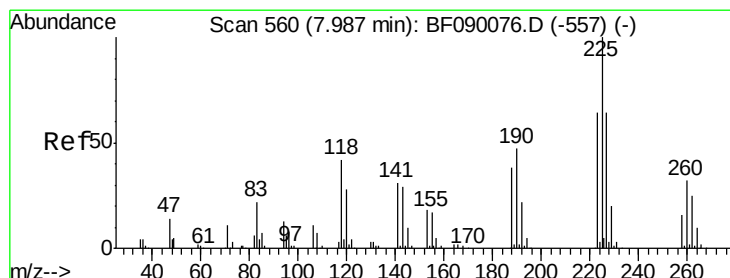
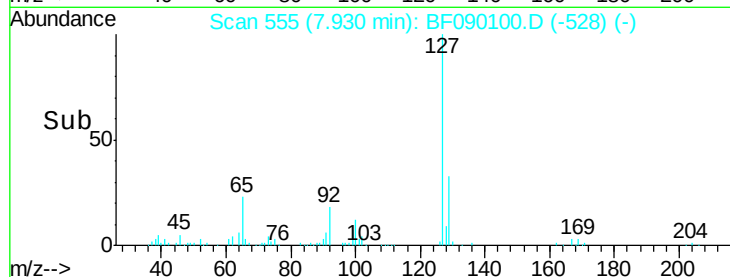
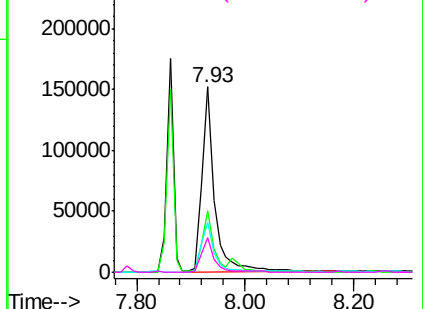
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	241028		
129	32.9	25.8	38.6	
65	27.0	24.1	36.1	
92	18.8	16.3	24.5	

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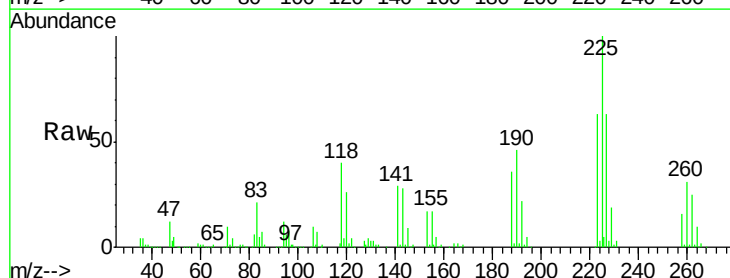


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

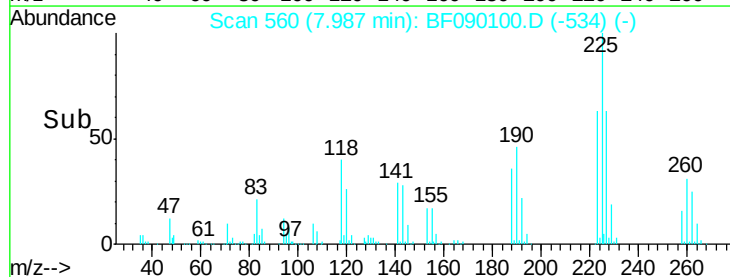
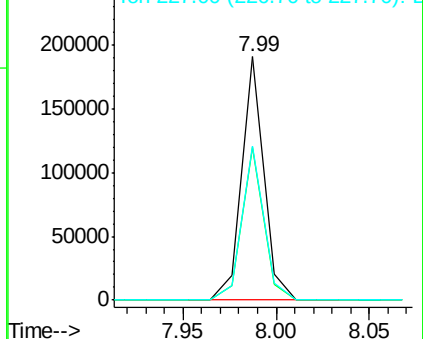


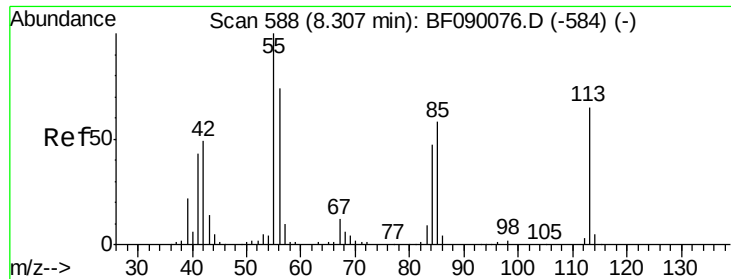
#34
Hexachlorobutadiene
Concen: 37.14 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158595		
223	62.9	51.3	76.9	
227	63.5	51.4	77.0	



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





#35

Caprolactam

Concen: 30.49 ng

RT: 8.28 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

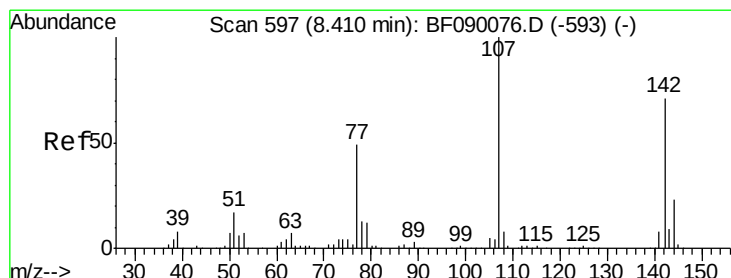
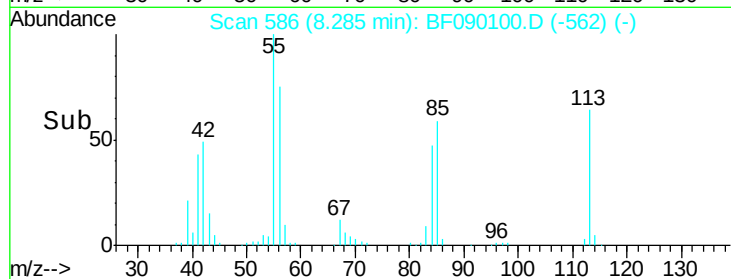
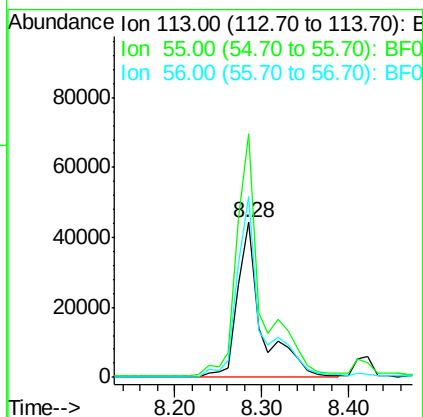
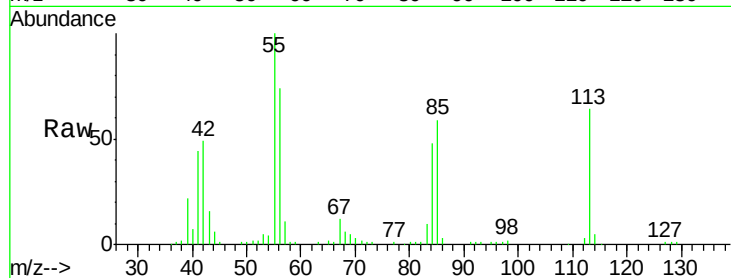
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	113	Resp:	86073
Ion Ratio	Lower	Upper	
113	100		
55	157.3	134.5	174.5
56	117.1	93.7	133.7

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#36

4-Chloro-3-methylphenol

Concen: 33.90 ng

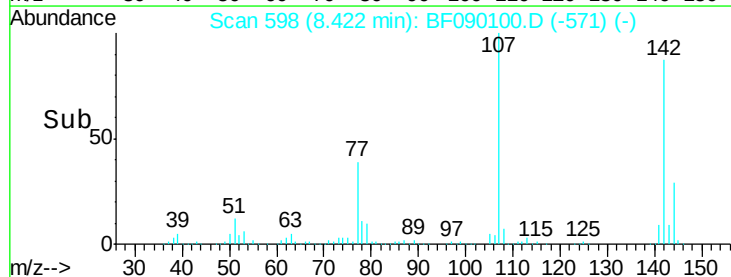
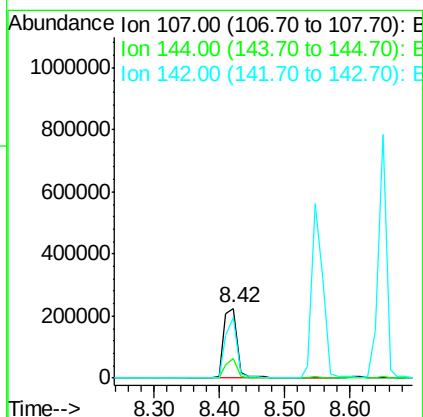
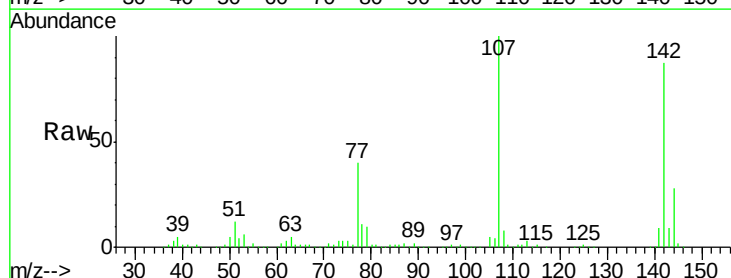
RT: 8.42 min Scan# 598

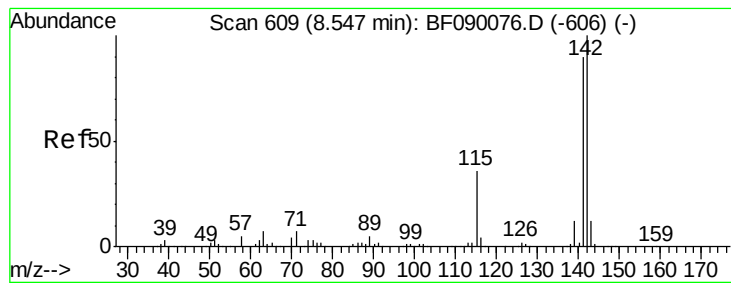
Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	107	Resp:	332705
Ion Ratio	Lower	Upper	
107	100		
144	28.5	18.6	27.8#
142	86.5	57.0	85.6#





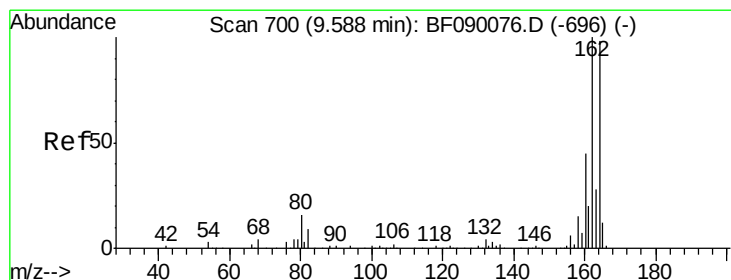
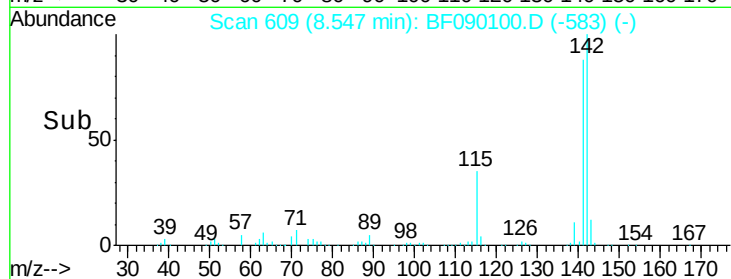
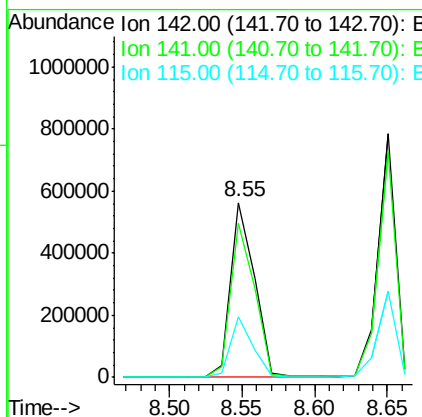
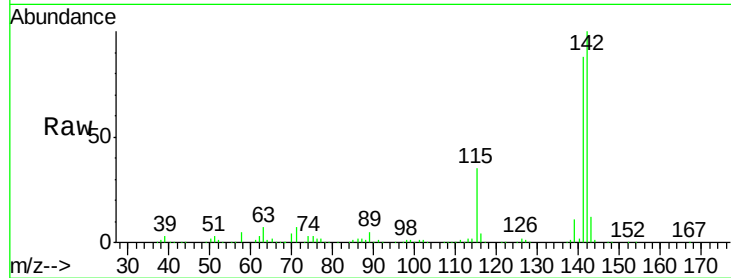
#37
2-Methylnaphthalene
Concen: 35.70 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	34.8	28.3	42.5

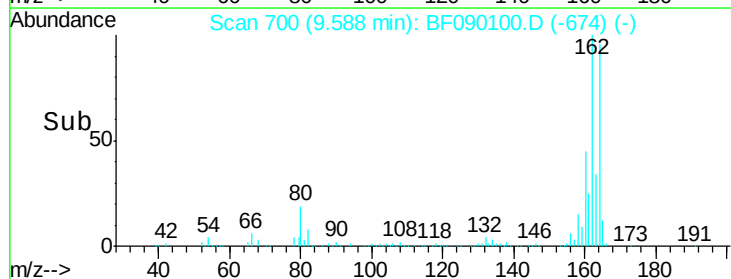
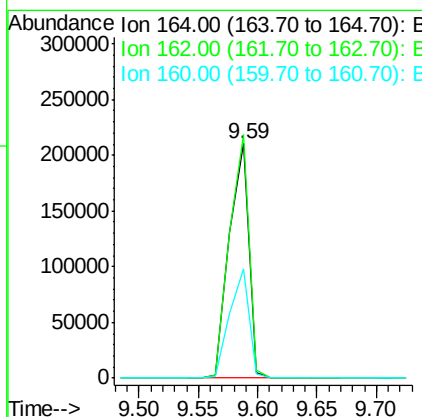
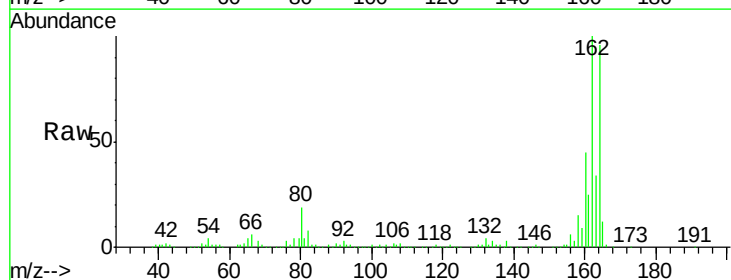
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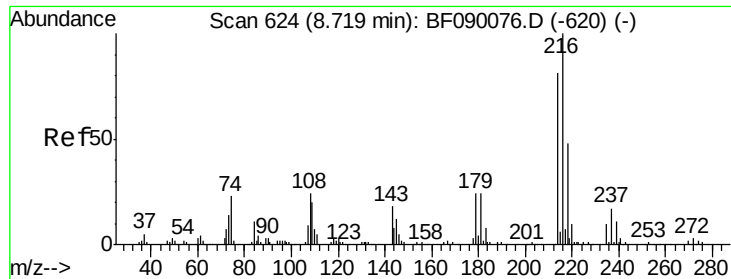
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.2
160	46.6	36.6	54.8





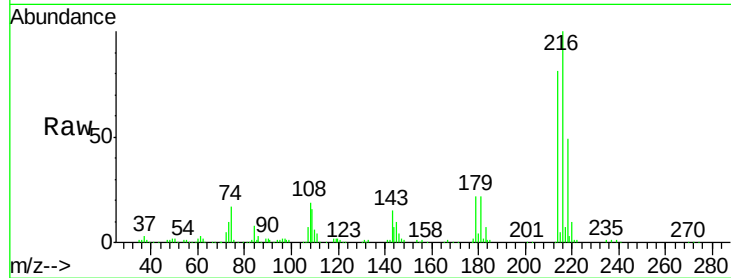
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.07 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

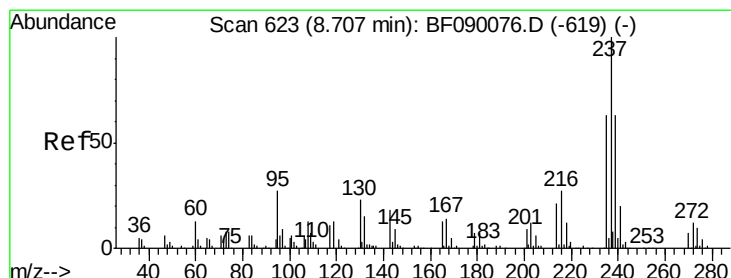
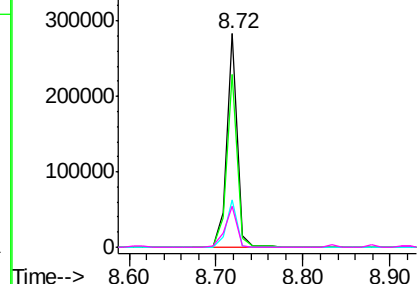
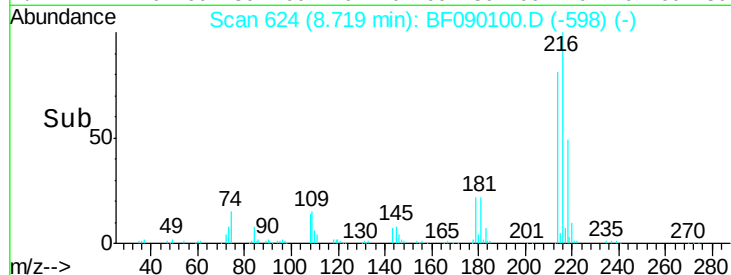
Tgt Ion:	216	Resp:	242240
Ion Ratio	Lower	Upper	
216	100		
214	81.0	63.7	95.5
179	22.5	18.5	27.7
108	22.2	19.5	29.3

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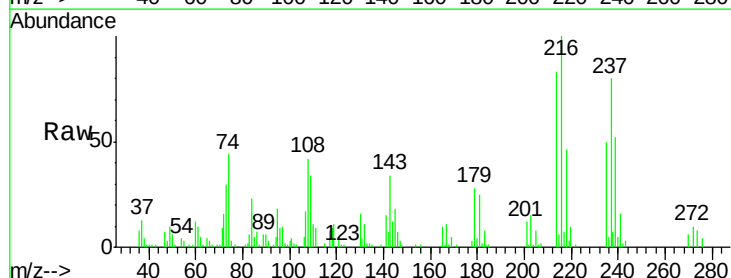


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

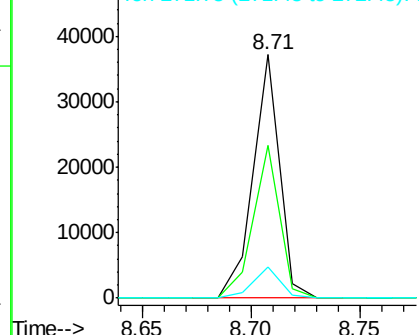
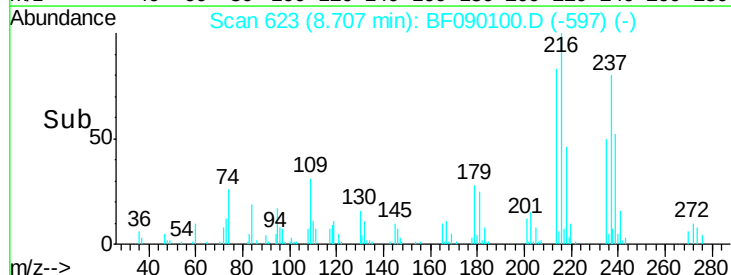


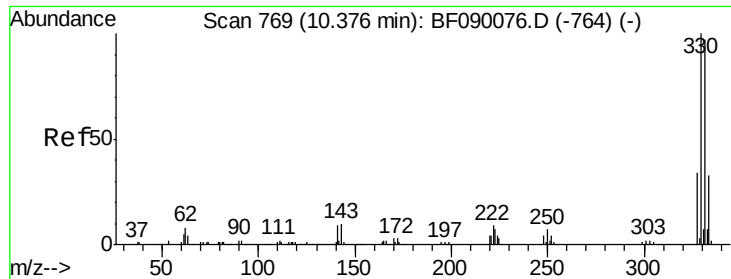
#40
 Hexachlorocyclopentadiene
 Concen: 9.74 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion:	237	Resp:	31379
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.5	82.5
272	12.6	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





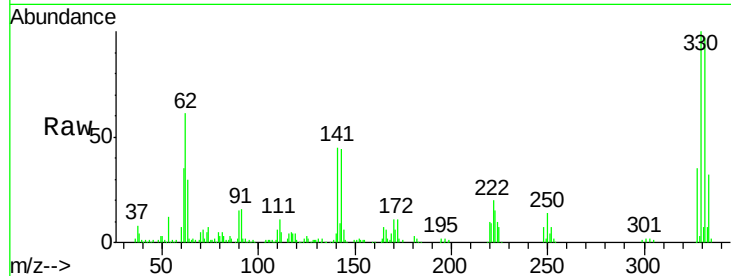
#41
 2,4,6-Tribromophenol
 Concen: 86.20 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

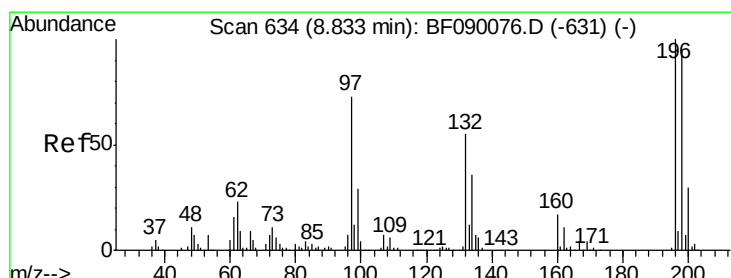
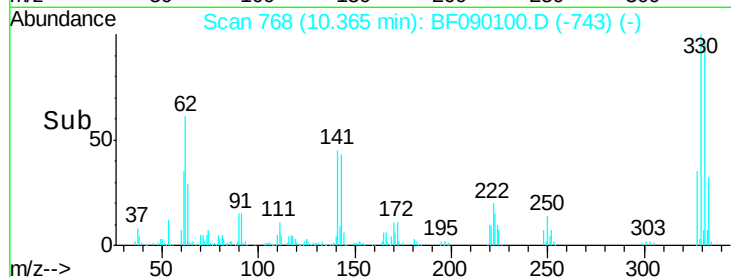
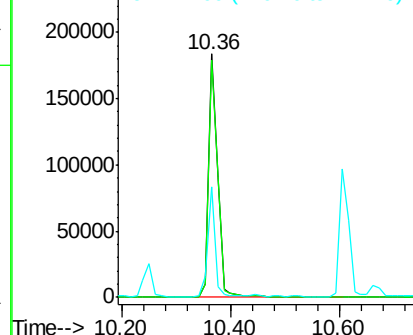
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	208757		
332	97.8	78.1	117.1	
141	35.6	23.9	35.9	

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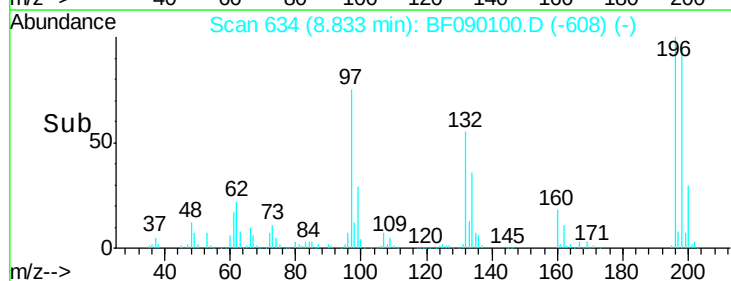
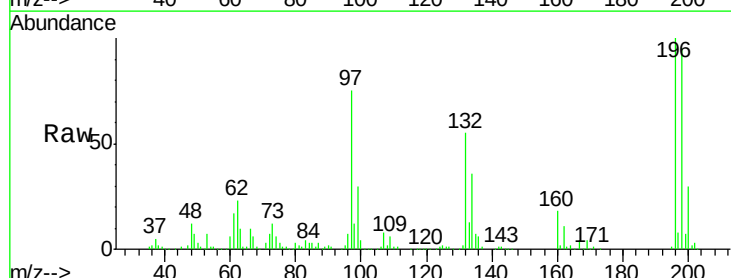
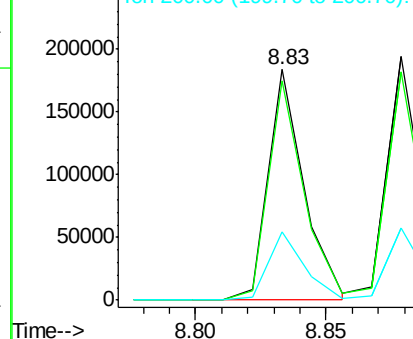
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

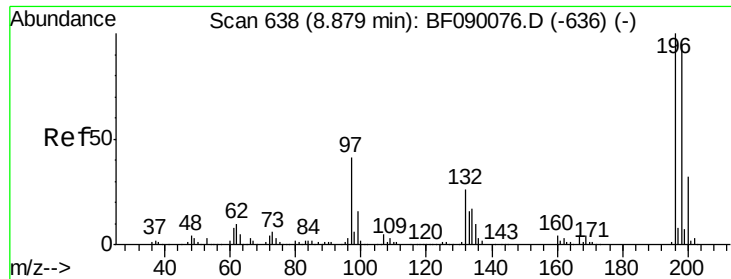


#42
 2,4,6-Trichlorophenol
 Concen: 39.07 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175538		
198	95.3	76.3	114.5	
200	29.7	24.1	36.1	

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





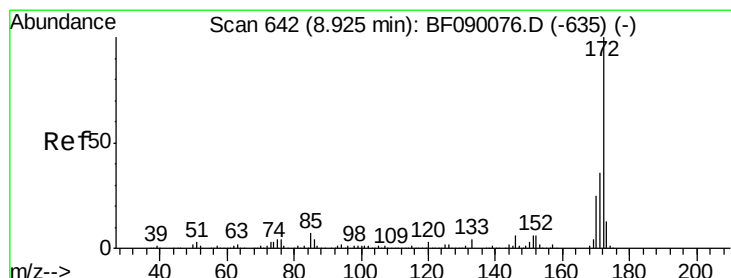
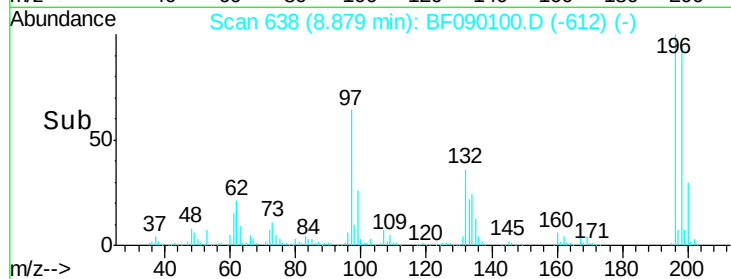
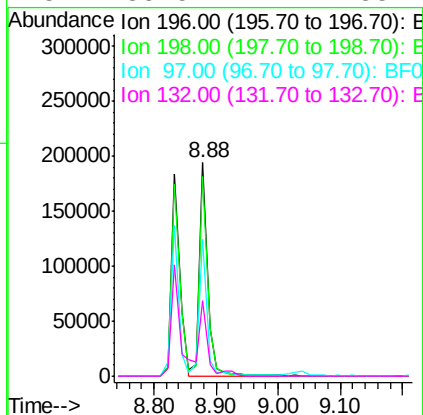
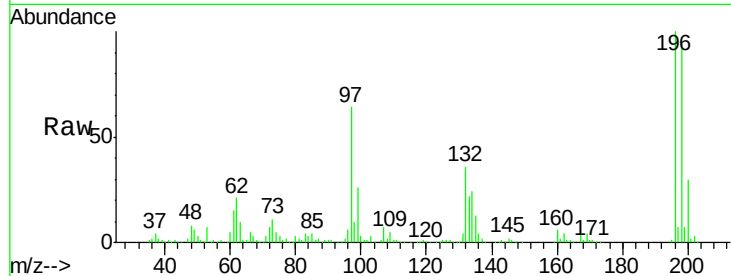
#43
 2,4,5-Trichlorophenol
 Concen: 38.37 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185465		
198	93.6	76.6	114.8	
97	63.9	34.4	51.6	
132	35.5	22.2	33.2	

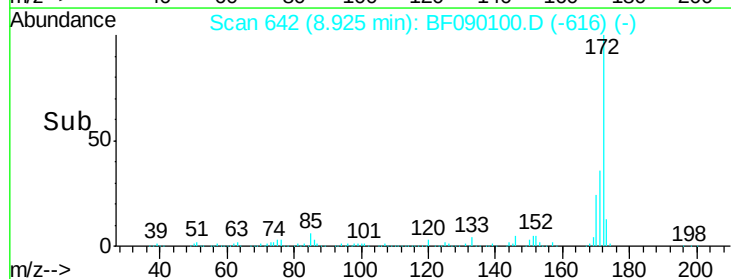
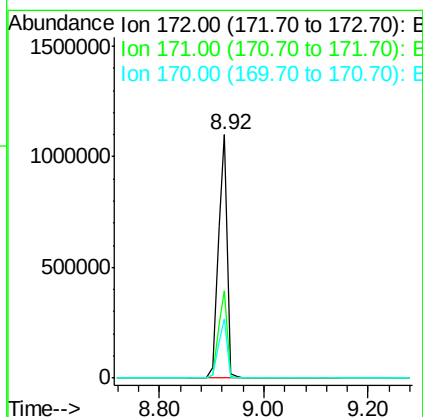
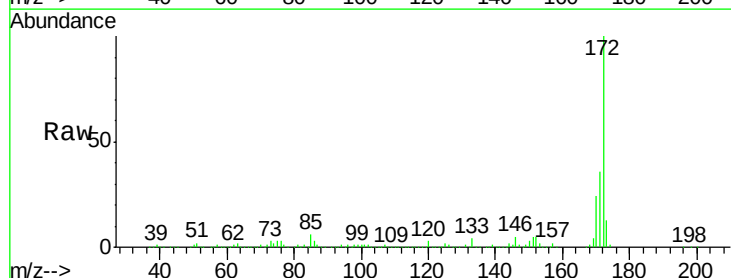
Manual Integrations
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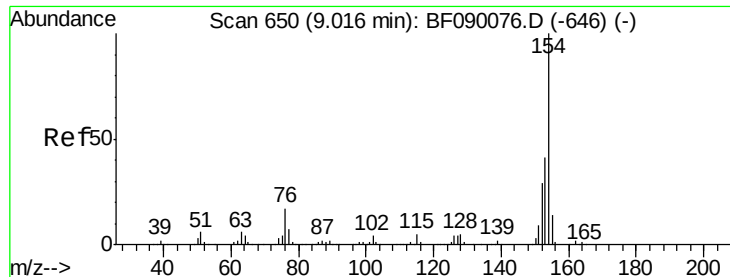
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#44
 2-Fluorobiphenyl
 Concen: 83.97 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1289073		
171	35.7	29.2	43.8	
170	24.4	19.8	29.8	





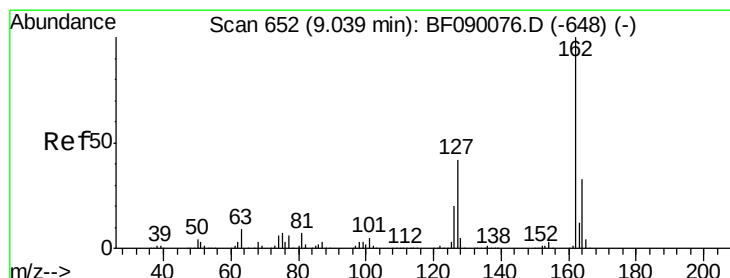
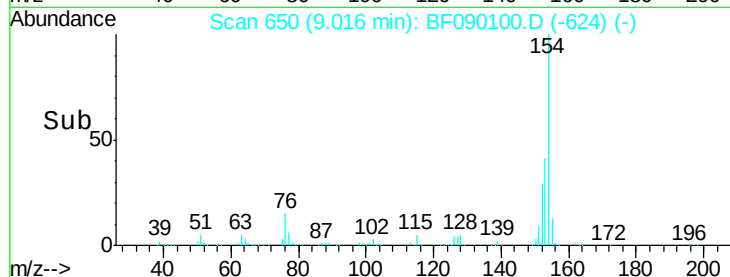
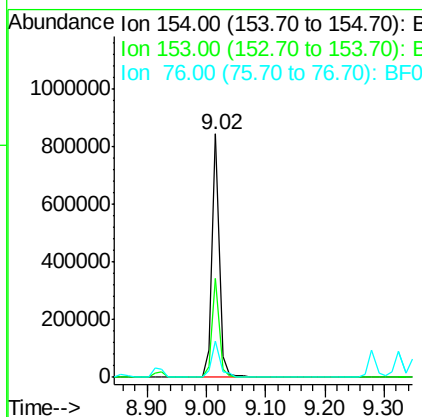
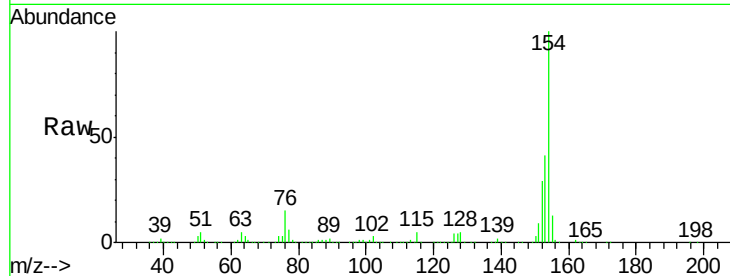
#45
1,1'-Biphenyl
Concen: 36.44 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampled :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	718969		
153	40.8	20.6	60.6	
76	14.9	0.0	36.7	

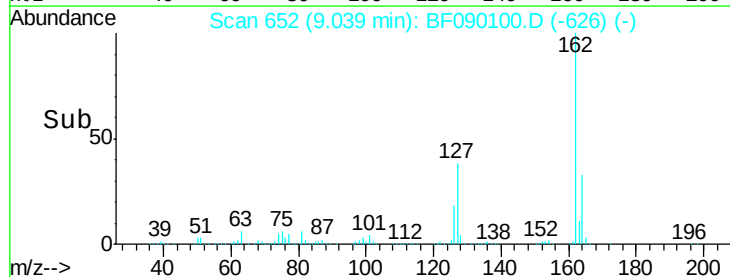
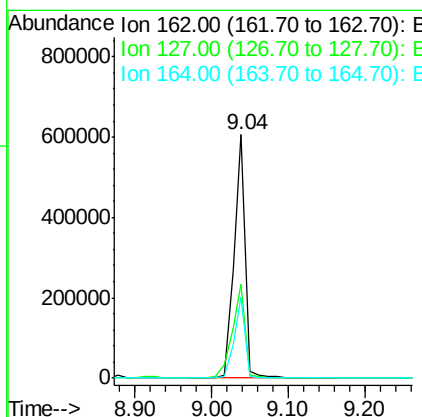
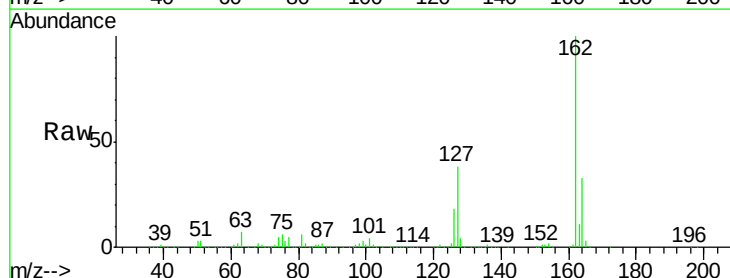
Manual Integrations
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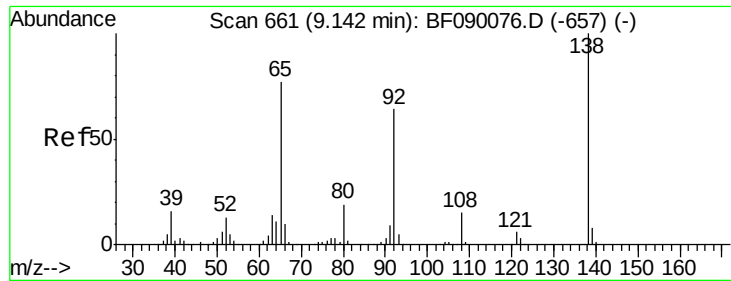
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#46
2-Chloronaphthalene
Concen: 43.24 ng
RT: 9.04 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	632085		
127	38.3	34.0	51.0	
164	33.4	26.8	40.2	





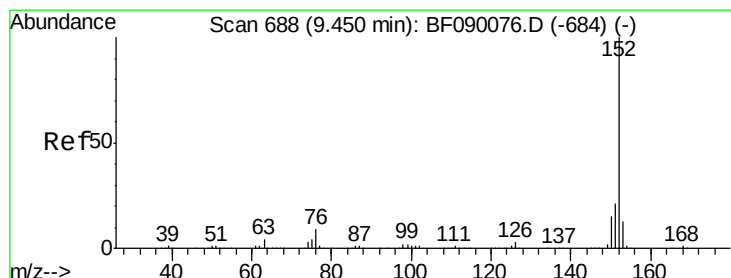
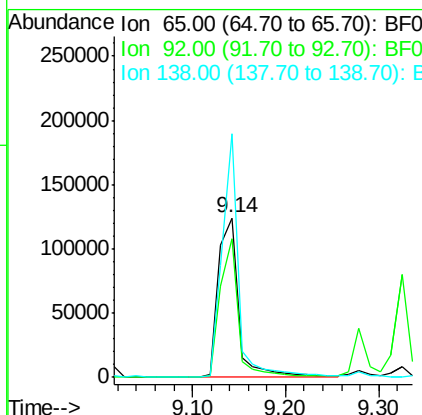
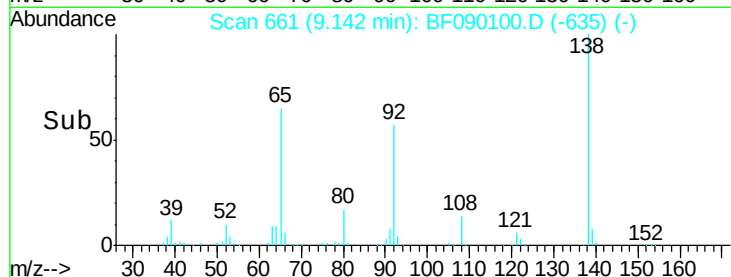
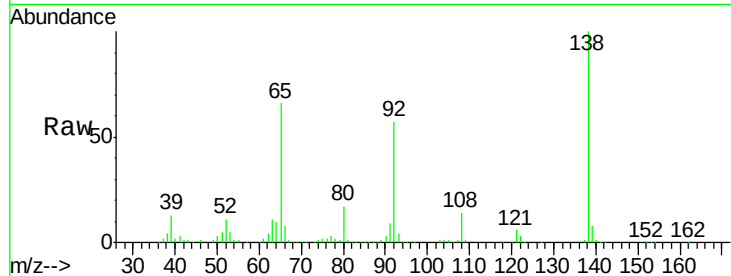
#47
 2-Nitroaniline
 Concen: 40.50 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion:	65	Resp:	189009
Ion Ratio	Lower	Upper	
65	100		
92	86.6	66.1	99.1
138	152.6	104.1	156.1

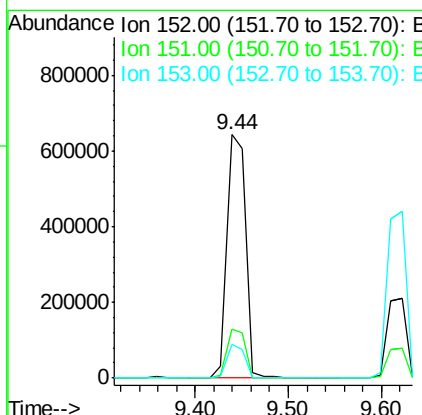
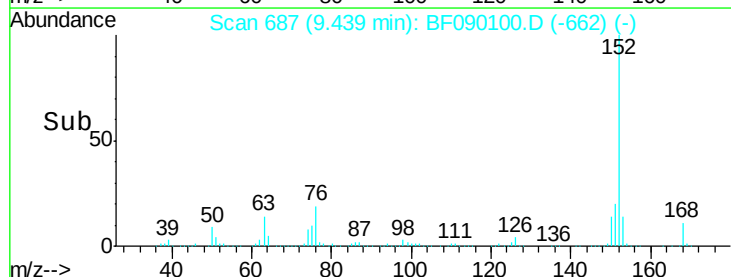
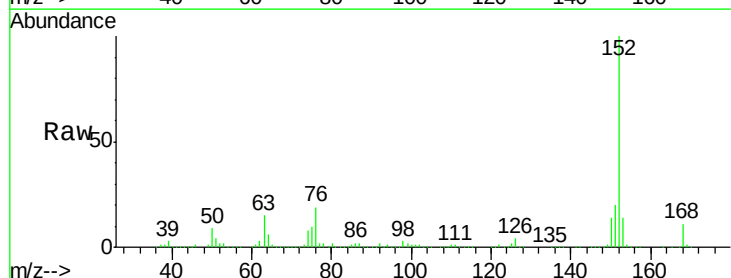
Manual Integrations
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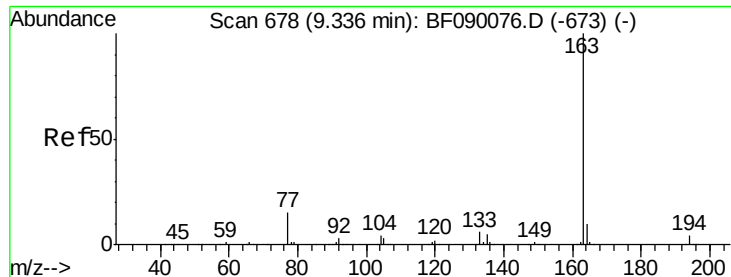
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#48
 Acenaphthylene
 Concen: 36.57 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion:	152	Resp:	897885
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.5	24.7
153	13.7	10.6	15.8





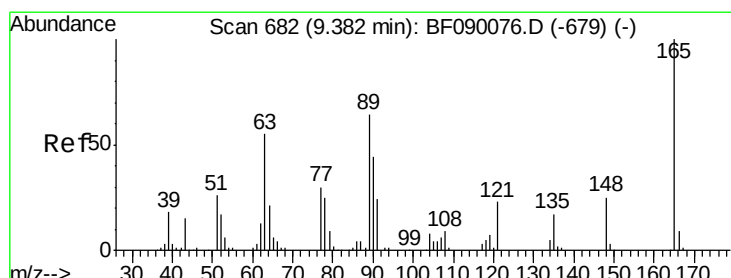
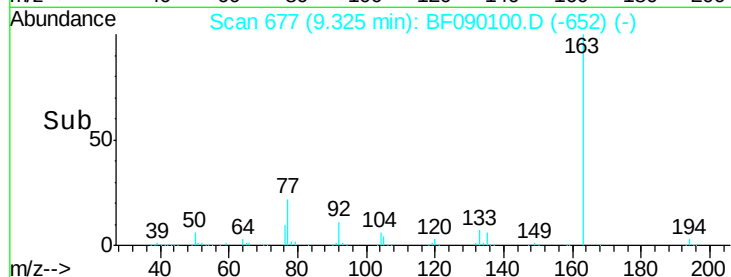
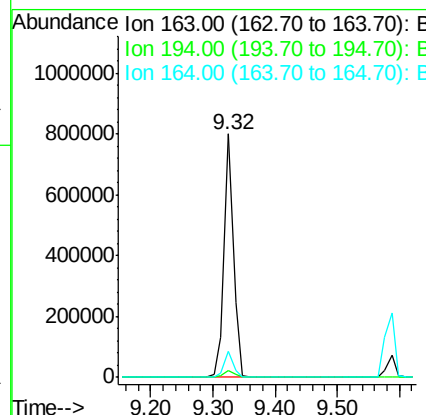
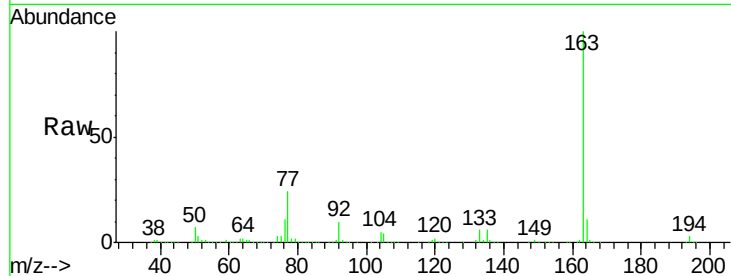
#49
Dimethylphthalate
Concen: 46.19 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampled :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	827210		
194	3.0		2.8	4.2
164	10.7		8.1	12.1

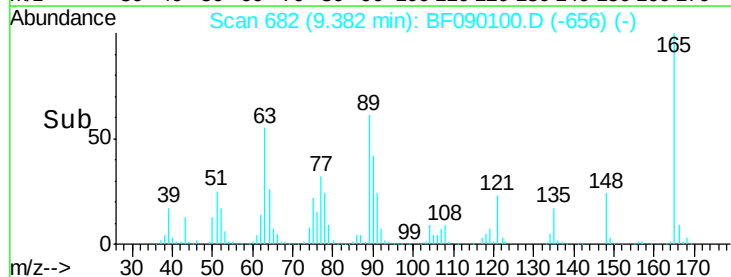
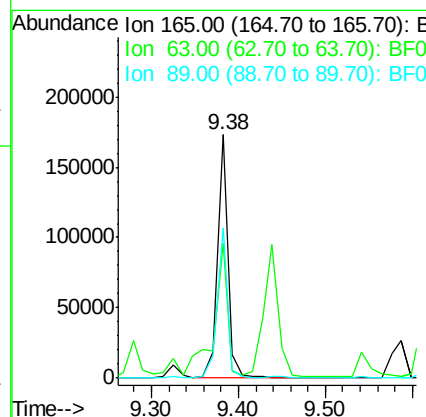
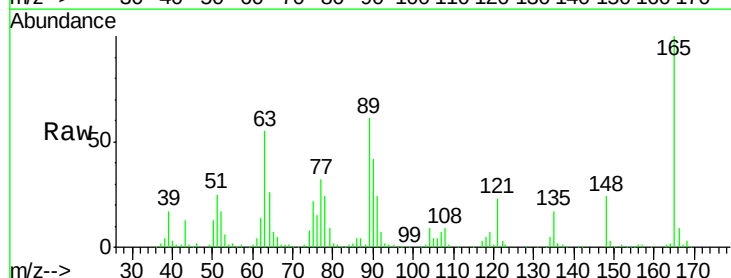
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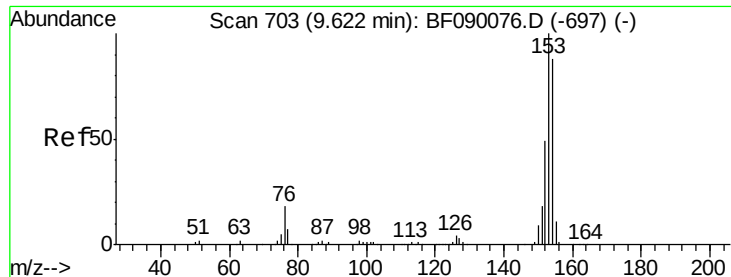
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#50
2,6-Dinitrotoluene
Concen: 37.14 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148618		
63	55.4		49.9	74.9
89	61.5		51.0	76.4





#51

Acenaphthene

Concen: 39.63 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

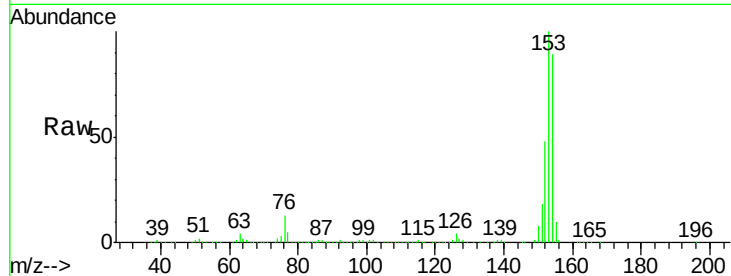
ClientSampleId :

NC-TS-005MSD

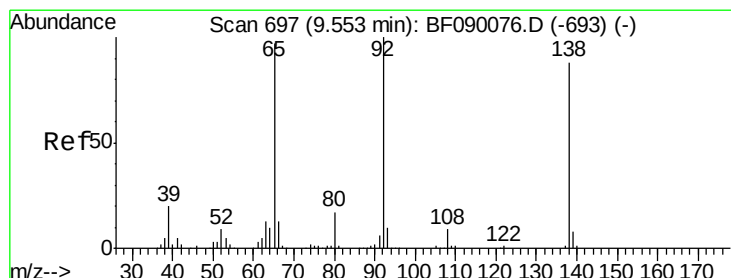
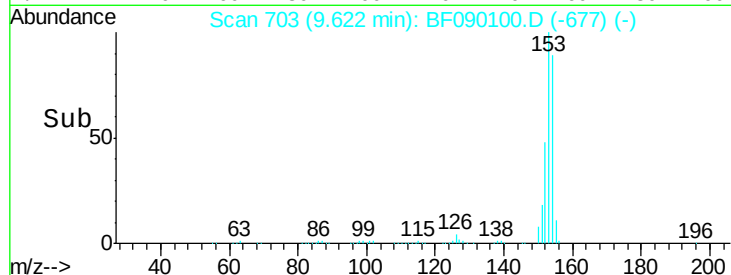
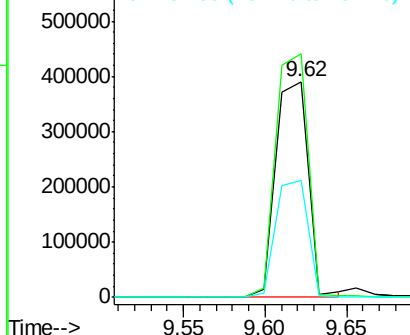
Tgt Ion:	154	Resp:	543417
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.8	136.2
152	54.2	44.2	66.4

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



#52

3-Nitroaniline

Concen: 28.45 ng

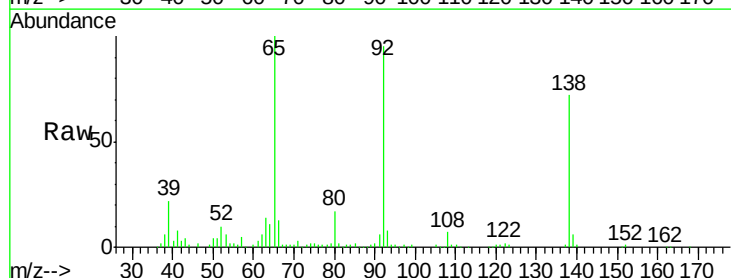
RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

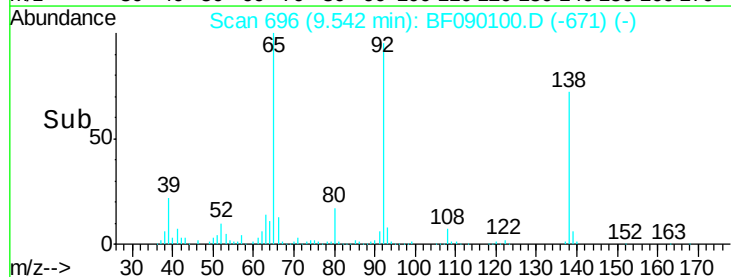
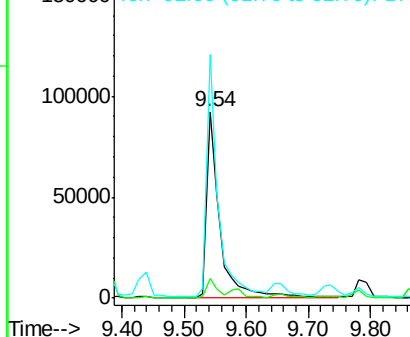
Lab File: BF090100.D

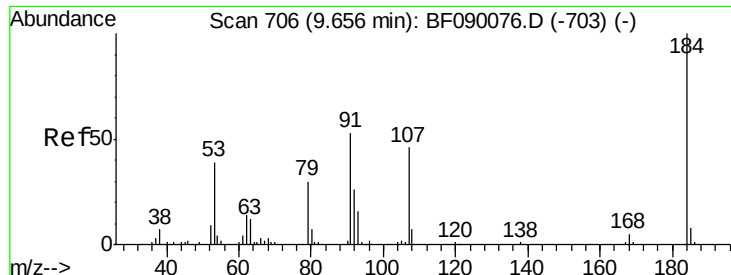
Acq: 15 Sep 2016 19:12

Tgt Ion:	138	Resp:	138531
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.8	11.6
92	130.9	90.7	136.1



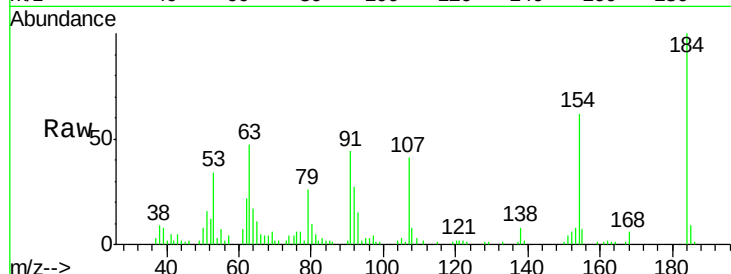
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 17.95 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

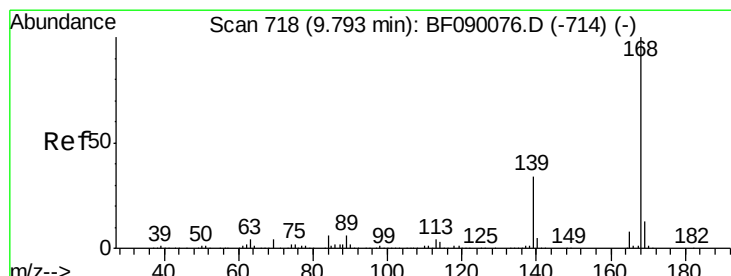
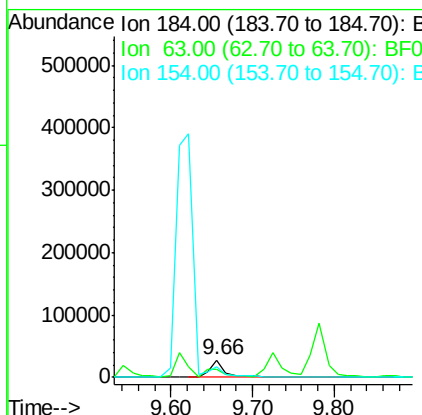
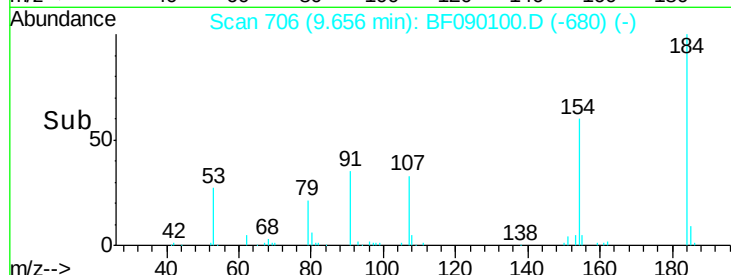
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	39043		
63	46.6		44.6	67.0
154	62.0		49.7	74.5

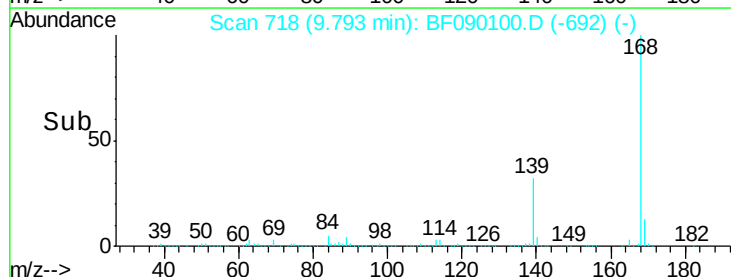
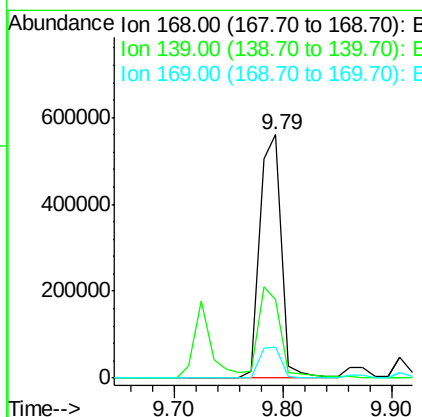
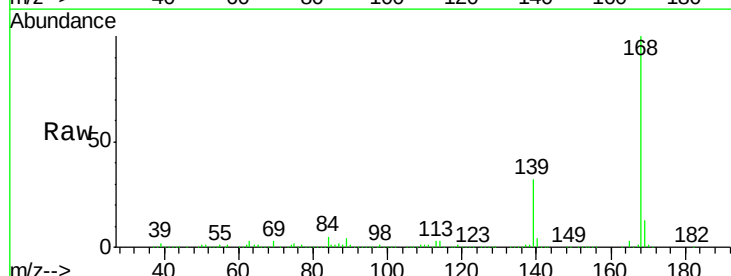
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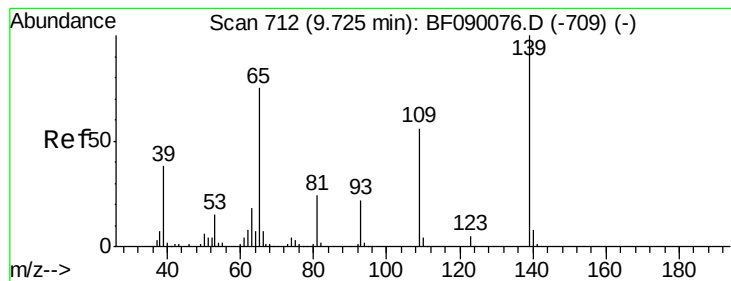
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#54
 Dibenzofuran
 Concen: 41.23 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	781867		
139	32.1		28.8	43.2
169	12.9		10.7	16.1





#55

4-Nitrophenol

Concen: 56.55 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

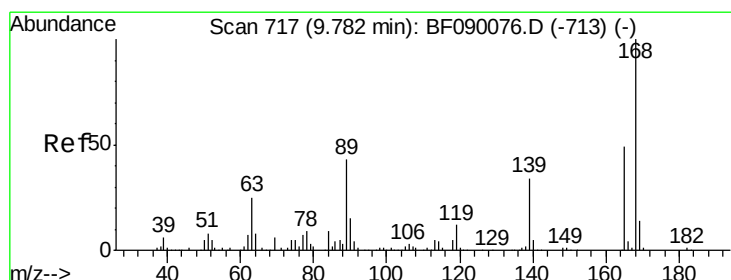
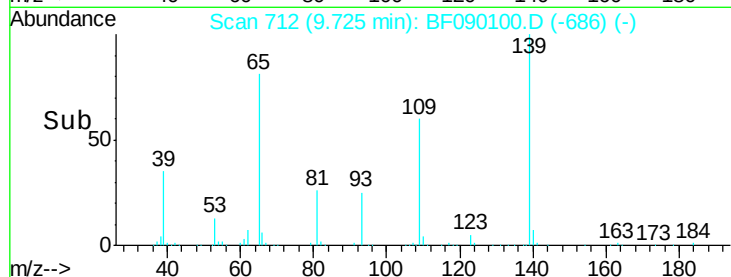
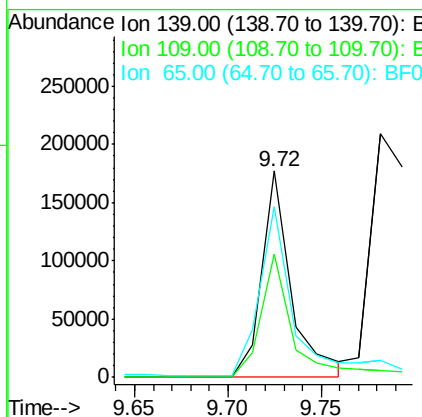
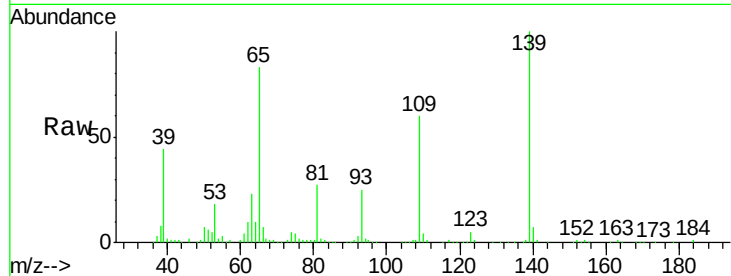
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	139	Resp:	193780
Ion Ratio	Lower	Upper	
139	100		
109	59.9	35.6	75.6
65	82.9	55.5	95.5

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#56

2,4-Dinitrotoluene

Concen: 39.37 ng

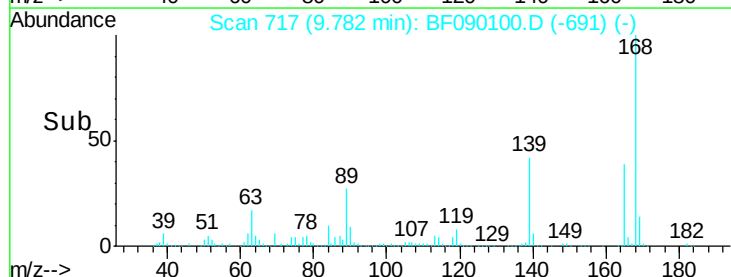
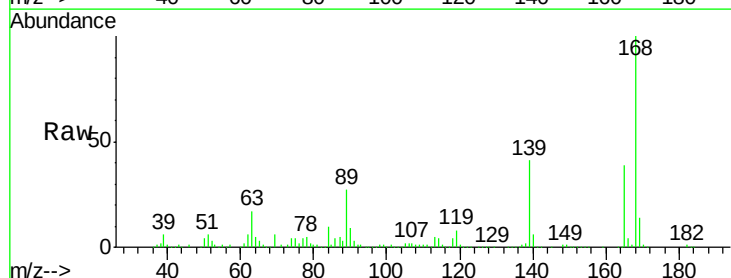
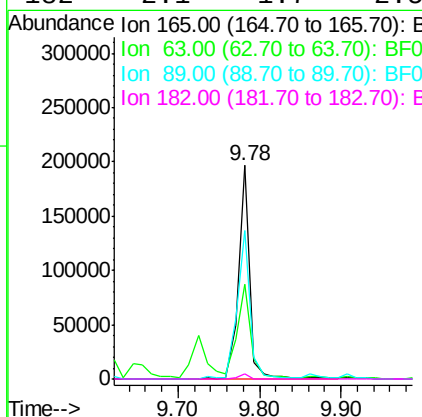
RT: 9.78 min Scan# 717

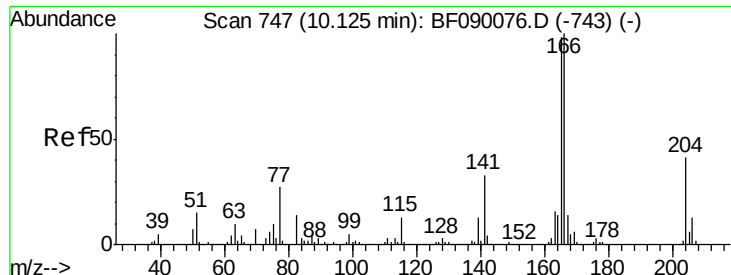
Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	165	Resp:	192045
Ion Ratio	Lower	Upper	
165	100		
63	44.1	44.4	66.6#
89	69.6	70.1	105.1#
182	2.1	1.7	2.5





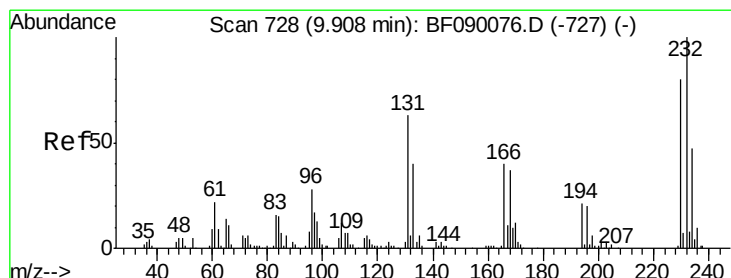
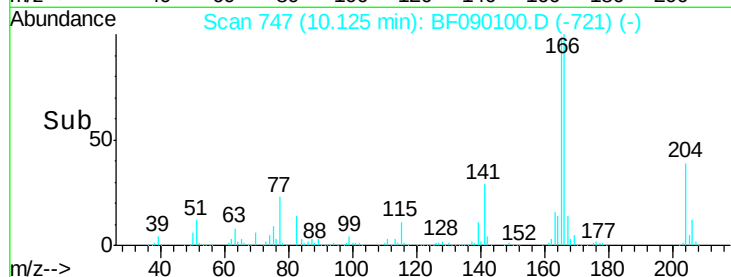
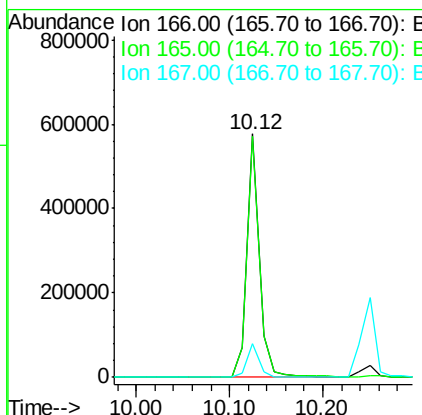
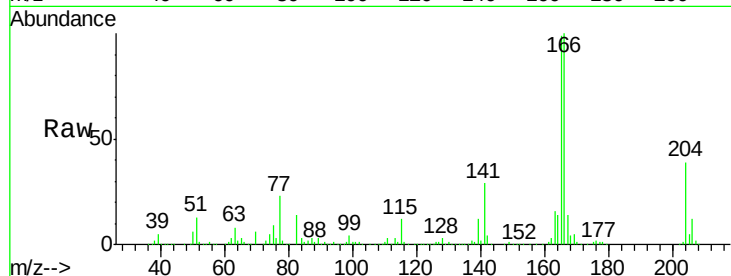
#57
 Fluorene
 Concen: 36.48 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	535496		
165	99.0	78.5	117.7	
167	13.7	11.2	16.8	

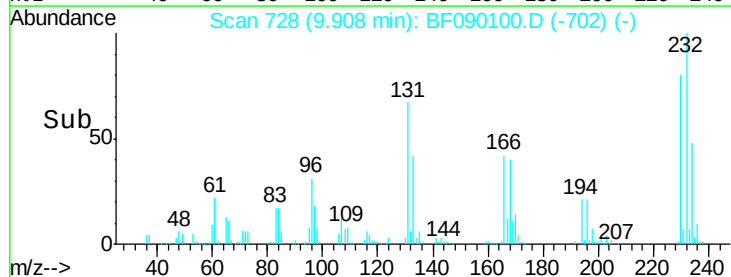
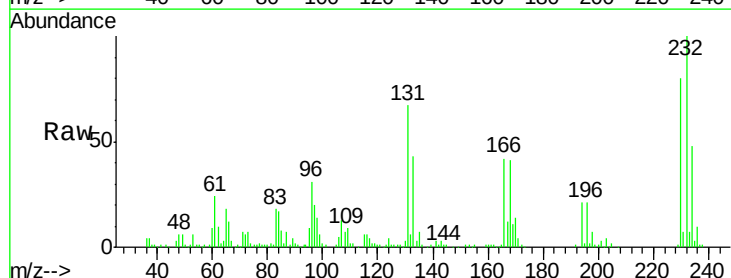
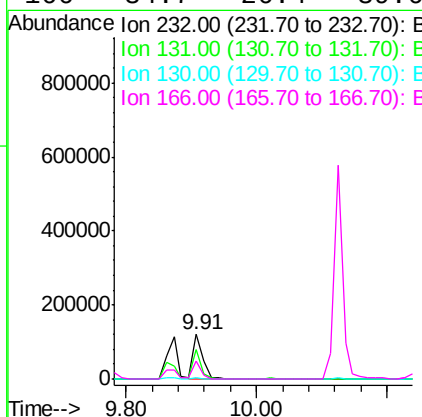
Manual Integrations
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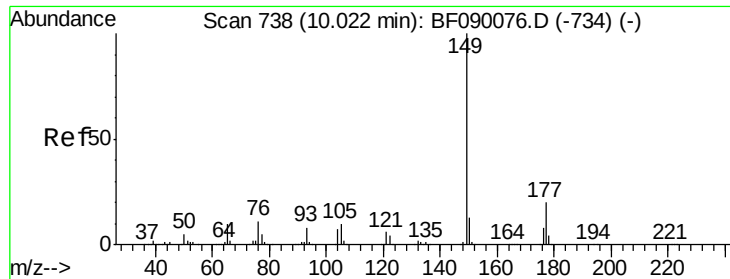
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.75 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	128104		
131	55.7	42.2	63.4	
130	2.8	1.9	2.9	
166	34.7	26.4	39.6	





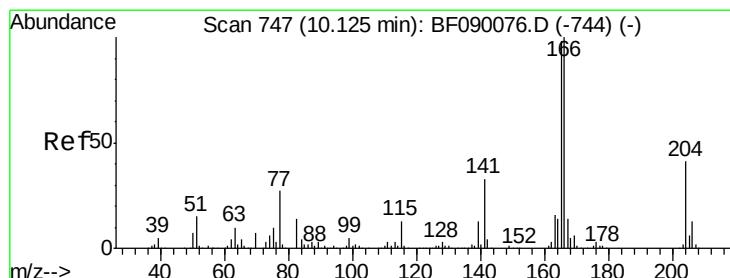
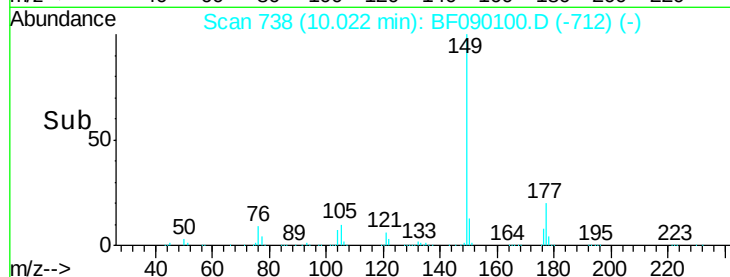
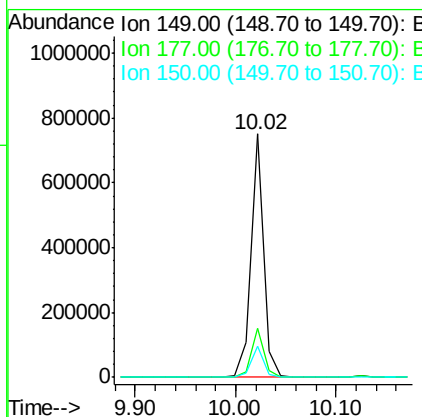
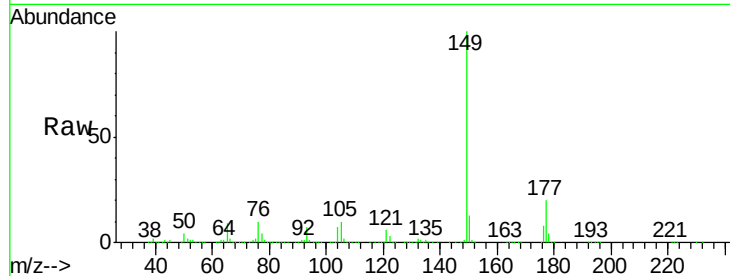
#59
Diethylphthalate
Concen: 37.58 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	651481		
177	20.1	15.8	23.6	
150	12.9	10.4	15.6	

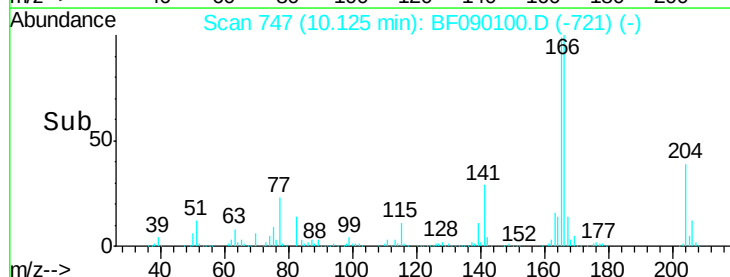
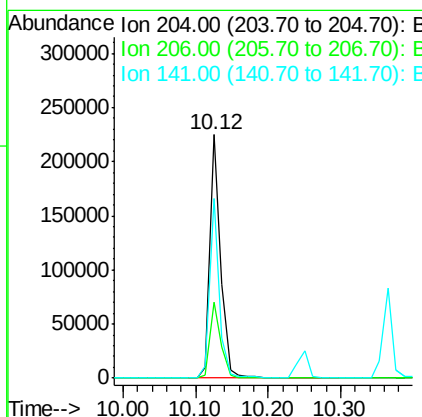
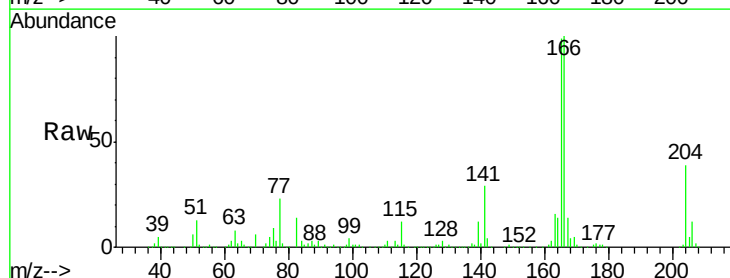
Manual Integrations
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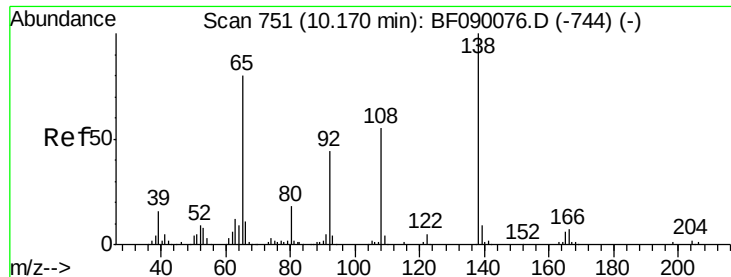
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#60
4-Chlorophenyl-phenylether
Concen: 40.06 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	231271		
206	31.3	25.6	38.4	
141	73.6	64.4	96.6	





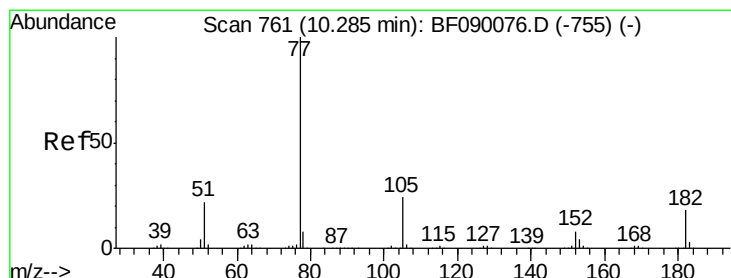
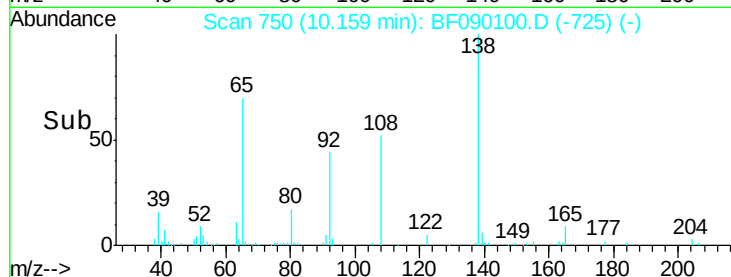
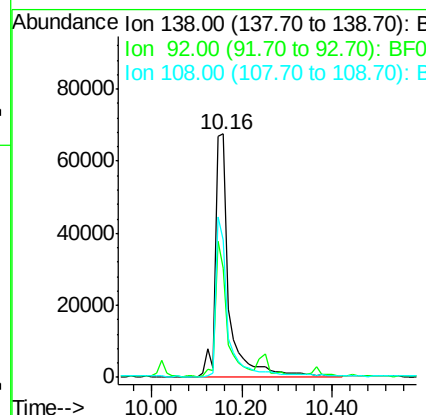
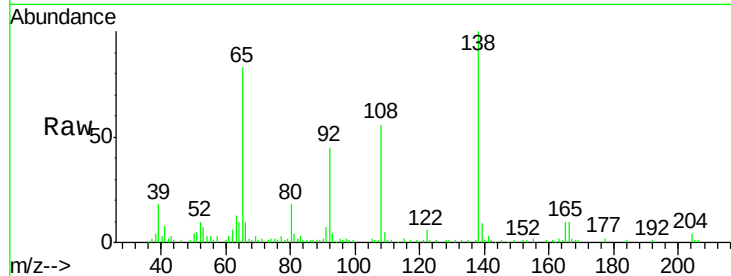
#61
4-Nitroaniline
Concen: 29.88 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	147275		
92	44.6	23.8	63.8	
108	56.3	35.0	75.0	

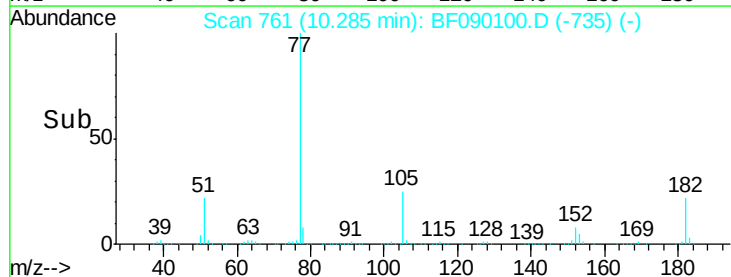
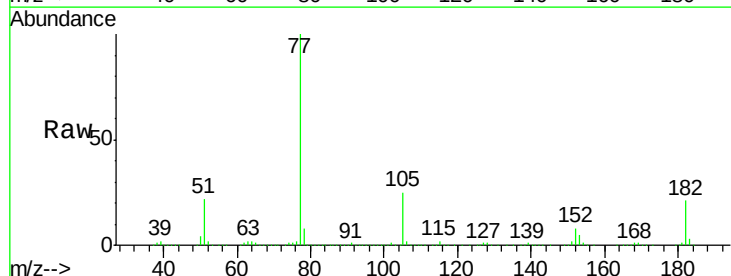
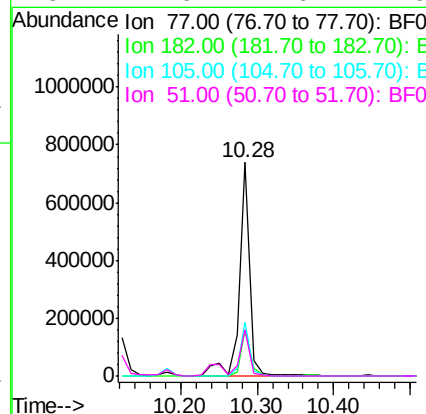
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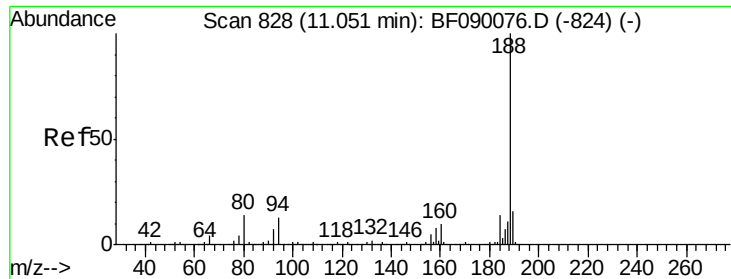
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#62
Azobenzene
Concen: 39.24 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	713892		
182	21.5	0.0	38.4	
105	25.0	3.8	43.8	
51	21.6	2.6	42.6	





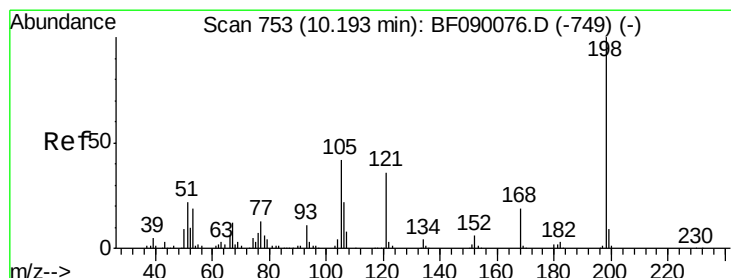
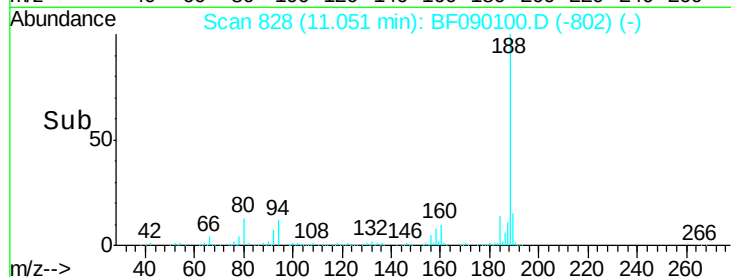
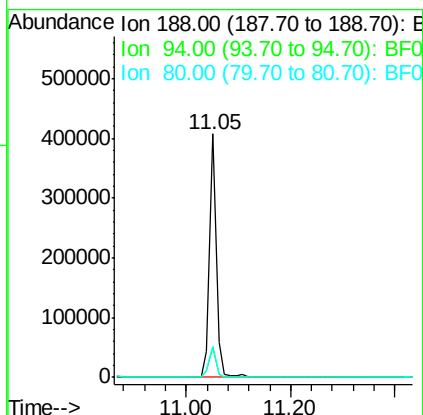
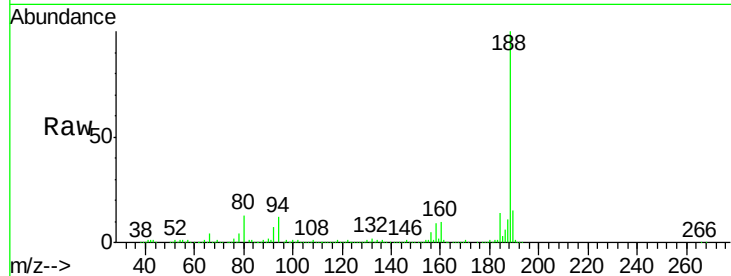
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	366606		
94	12.4	10.5	15.7	
80	12.6	11.2	16.8	

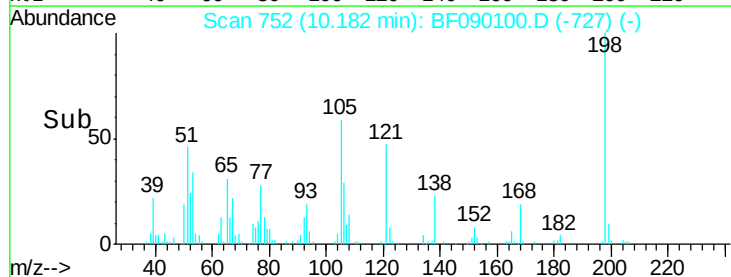
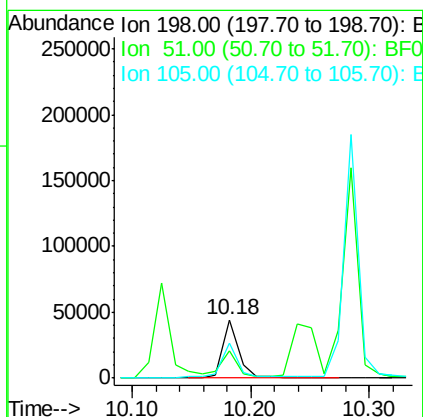
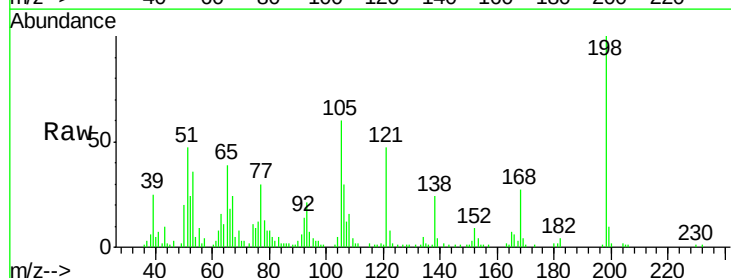
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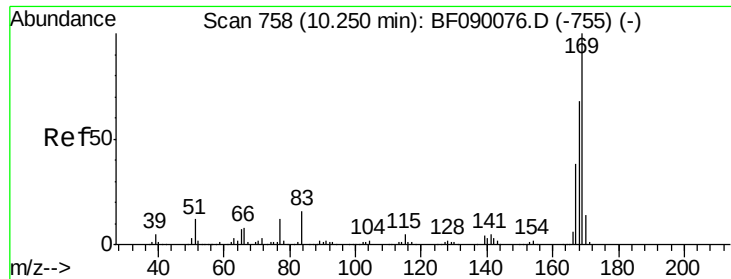
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.85 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	41648		
51	46.6	5.5	45.5#	
105	59.7	21.8	61.8	





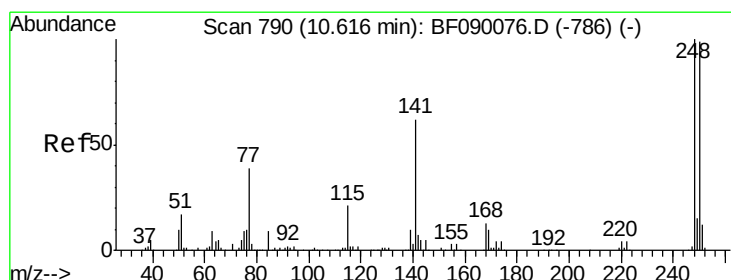
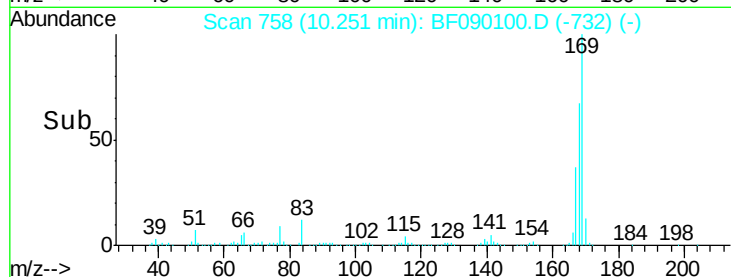
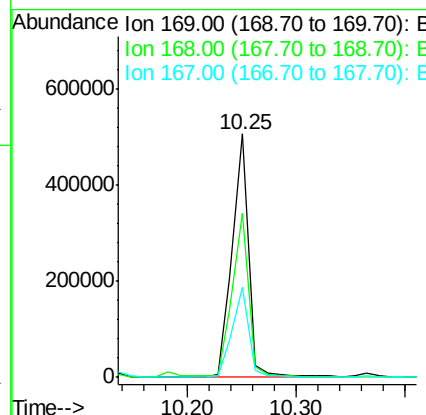
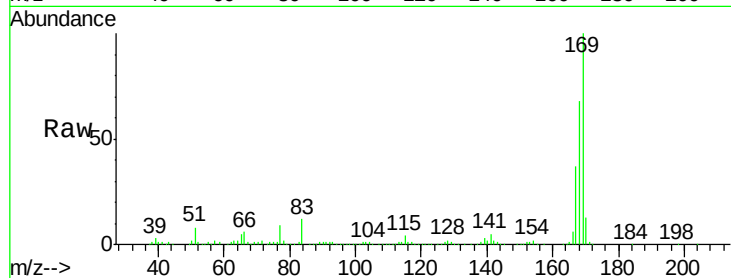
#65
n-Nitrosodiphenylamine
Concen: 45.51 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	528643		
168	67.5	54.2	81.4	
167	37.0	30.3	45.5	

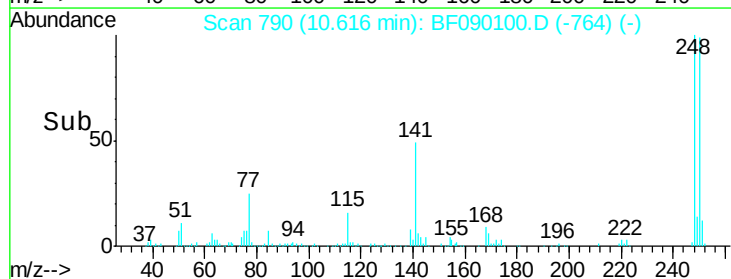
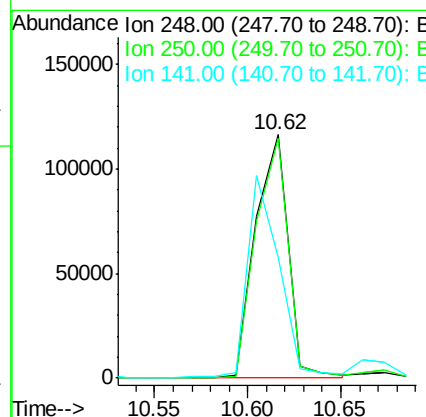
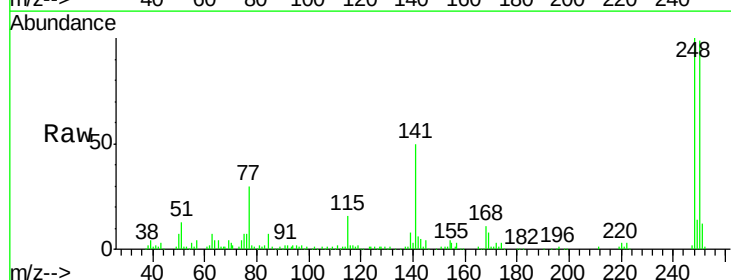
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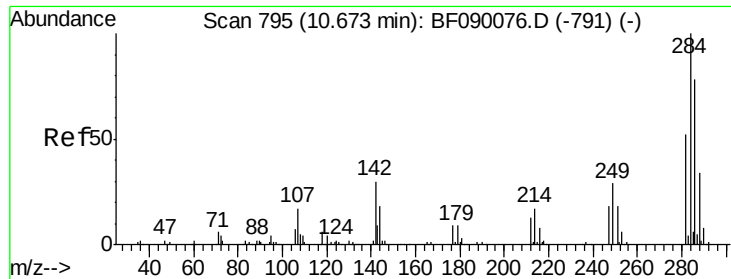
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#66
4-Bromophenyl-phenylether
Concen: 39.86 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140853		
250	98.6	79.4	119.2	
141	49.7	49.3	73.9	





#67

Hexachlorobenzene

Concen: 39.22 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

ClientSampleId :

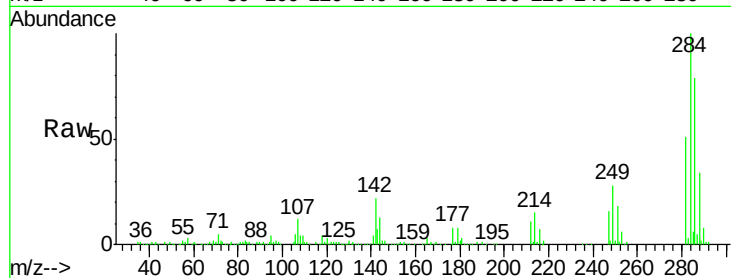
NC-TS-005MSD

Tgt Ion:	284	Resp:	163313
Ion Ratio		Lower	Upper
284	100		
142	22.1	24.0	36.0#
249	27.6	23.8	35.6

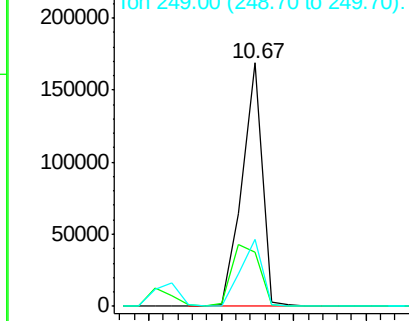
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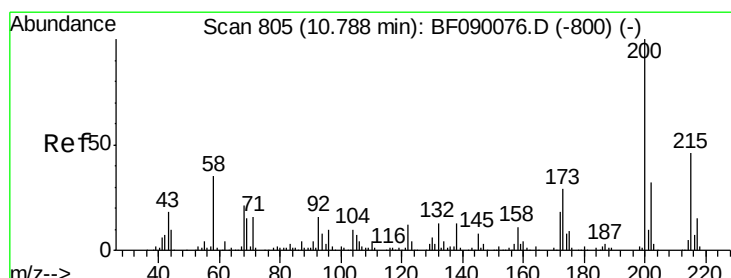
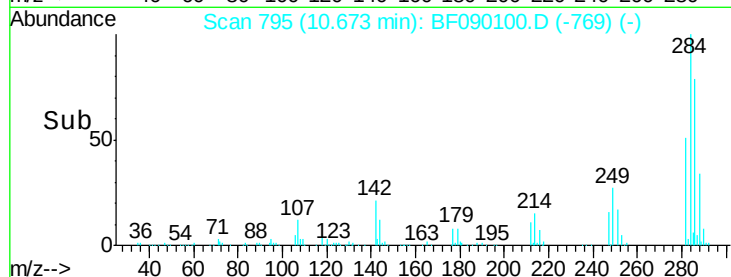
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 35.78 ng

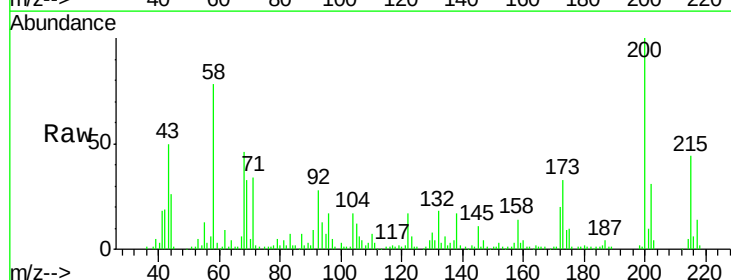
RT: 10.78 min Scan# 804

Delta R.T. -0.01 min

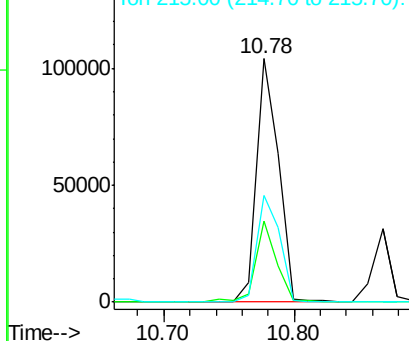
Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

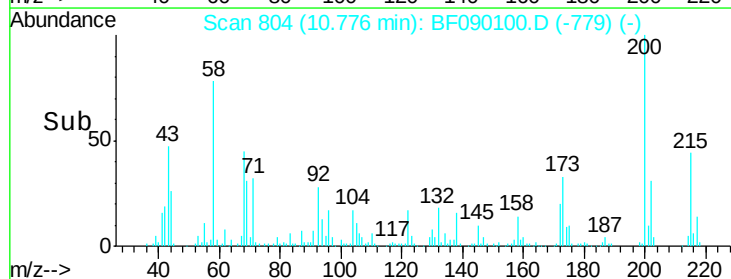
Tgt Ion:	200	Resp:	123519
Ion Ratio		Lower	Upper
200	100		
173	33.1	9.3	49.3
215	43.6	26.1	66.1

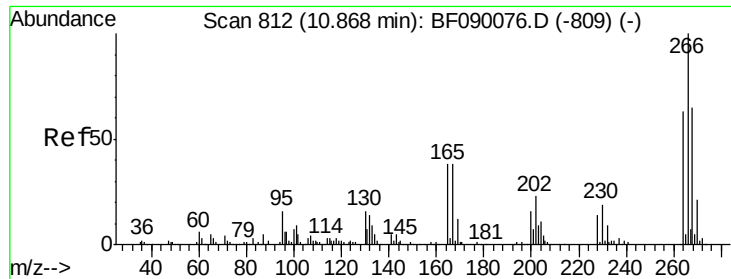


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->





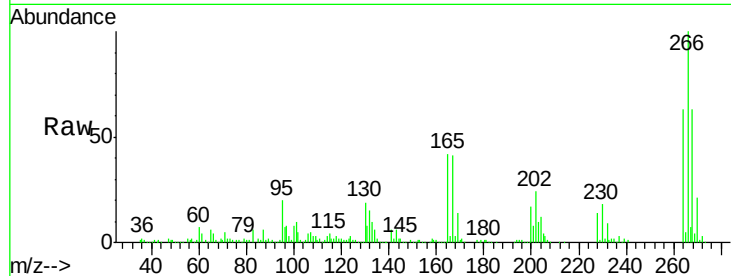
#69
 Pentachlorophenol
 Concen: 68.78 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

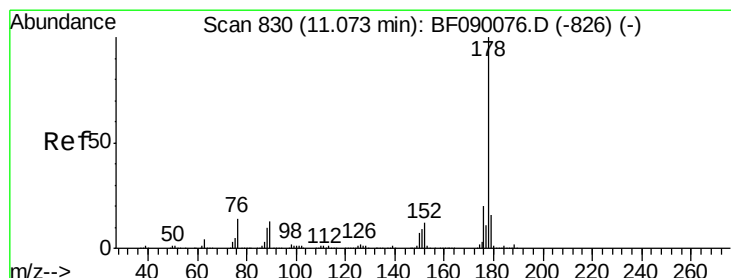
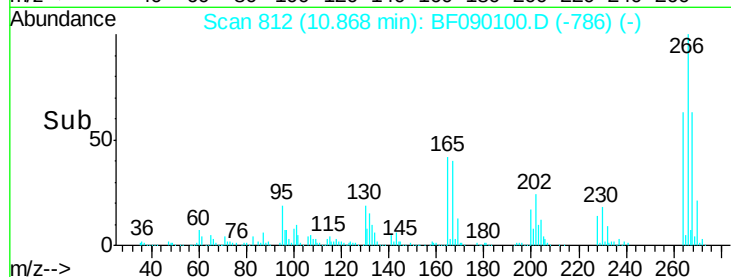
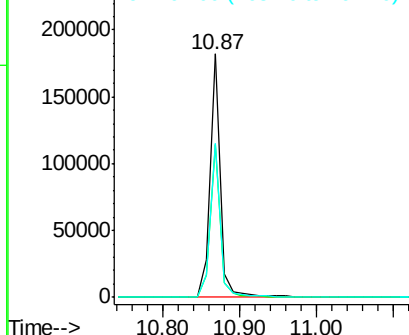
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	167802		
268	62.7	52.1	78.1	
264	63.4	50.3	75.5	

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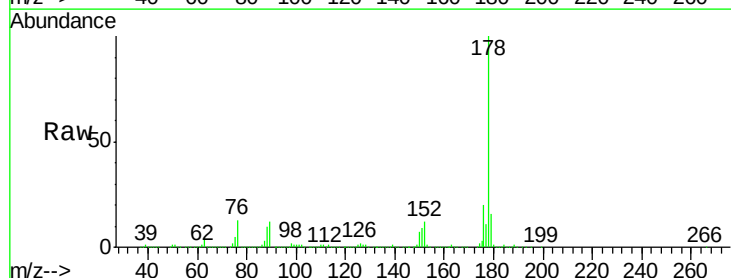


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

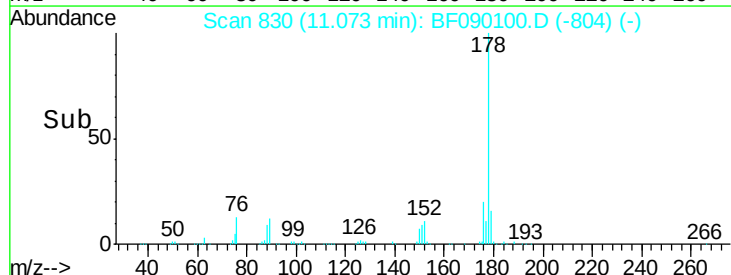
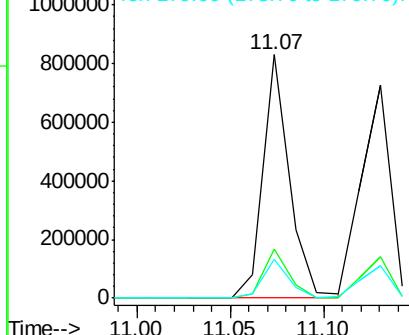


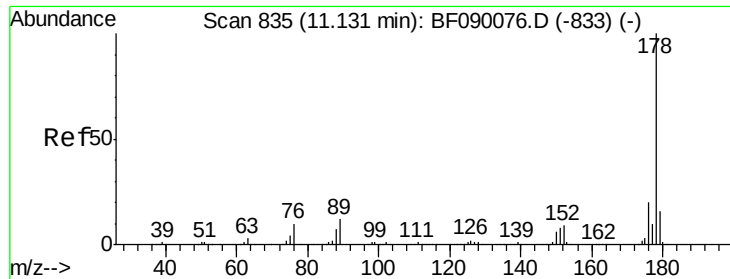
#70
 Phenanthrene
 Concen: 45.45 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	805249		
176	20.1	15.9	23.9	
179	15.8	12.9	19.3	



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





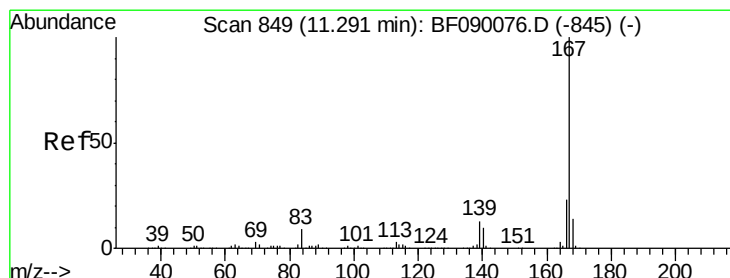
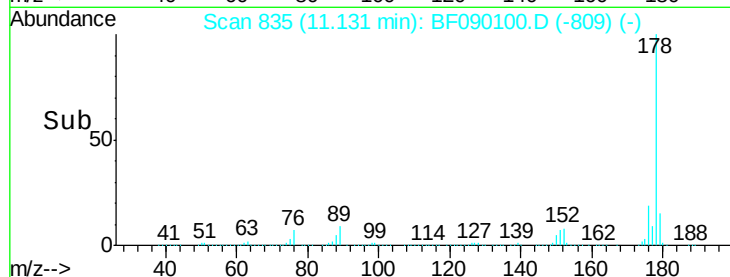
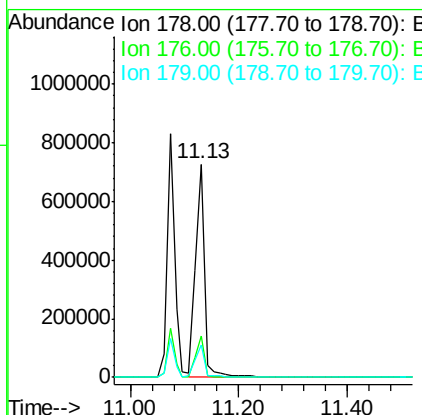
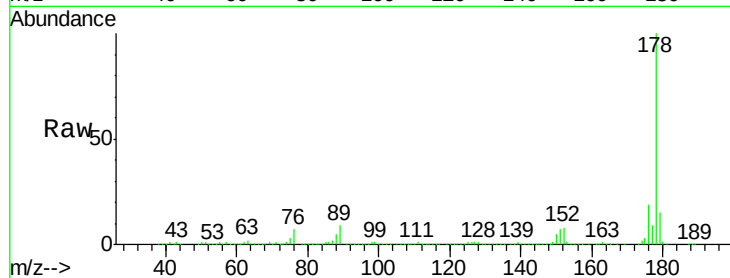
#71
 Anthracene
 Concen: 42.53 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.4	12.6	19.0

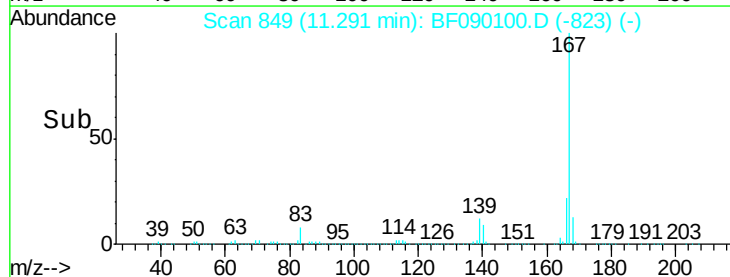
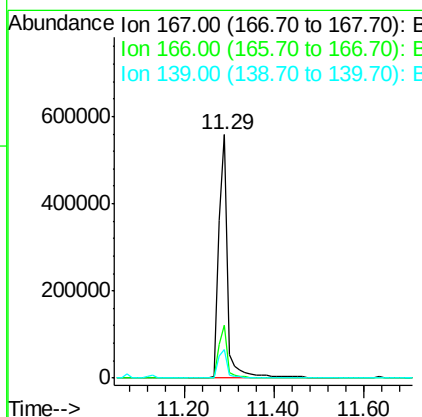
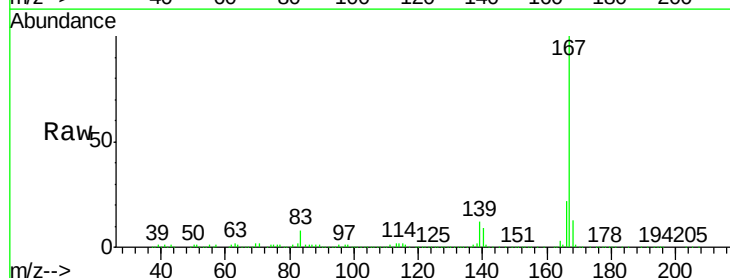
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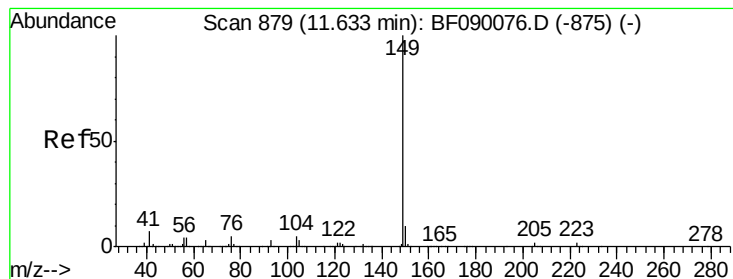
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#72
 Carbazole
 Concen: 37.98 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.0	27.0
139	11.9	10.4	15.6





#73

Di-n-butylphthalate

Concen: 38.35 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

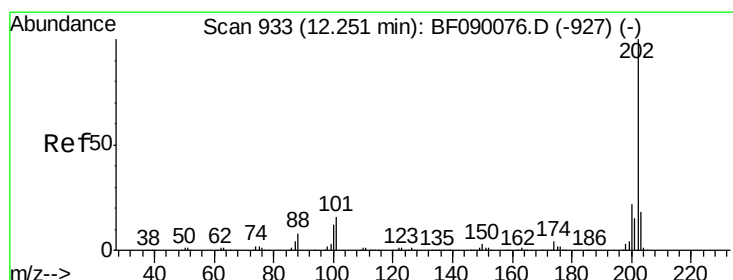
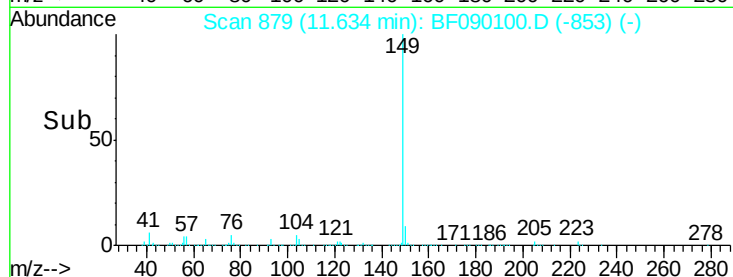
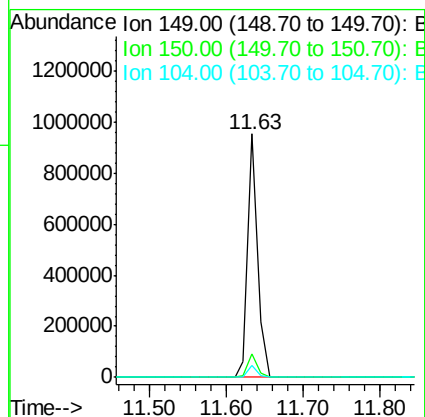
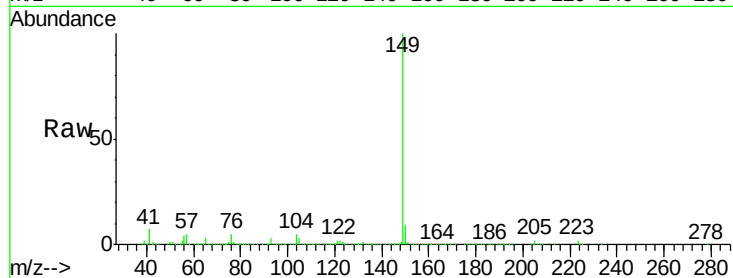
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	149	Resp:	853445
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.8
104	4.7	3.9	5.9

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#74

Fluoranthene

Concen: 46.46 ng

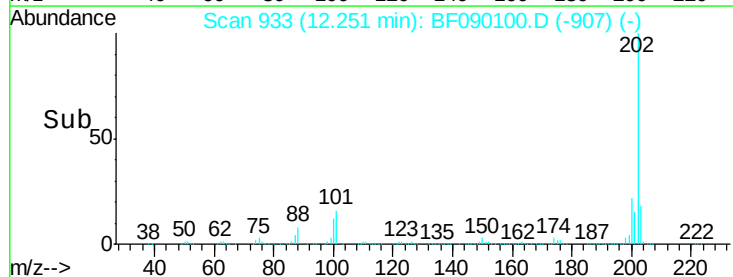
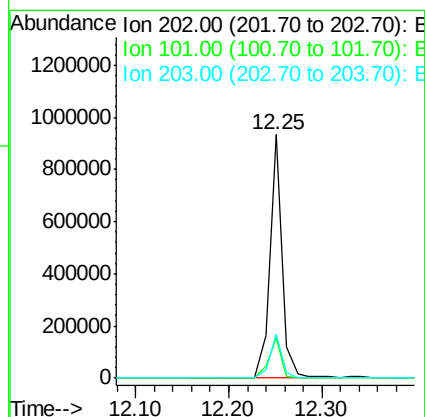
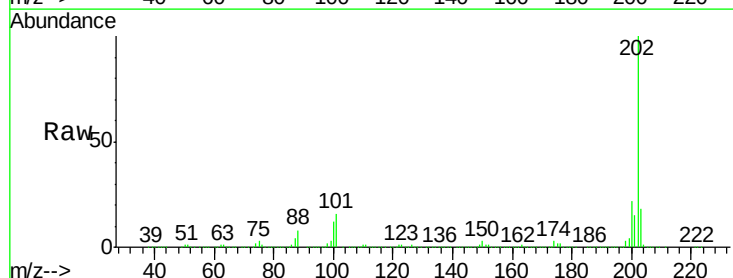
RT: 12.25 min Scan# 933

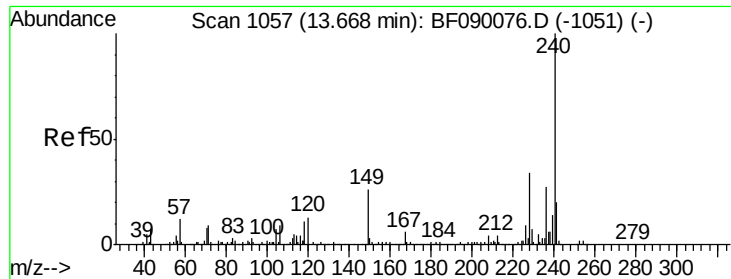
Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion:	202	Resp:	862460
Ion Ratio	Lower	Upper	
202	100		
101	16.5	0.0	36.1
203	18.1	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

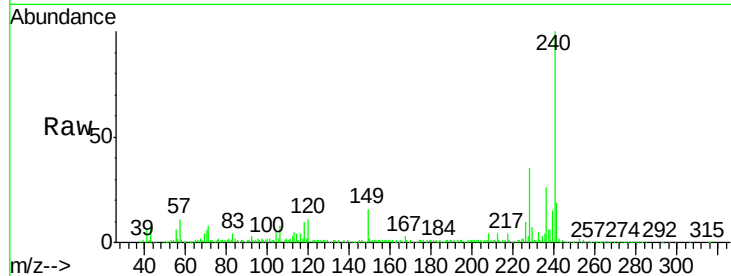
ClientSampleId :

NC-TS-005MSD

Tgt Ion:	240	Resp:	289792
Ion Ratio		Lower	Upper
240	100		
120	11.4	10.6	16.0
236	26.4	21.6	32.4

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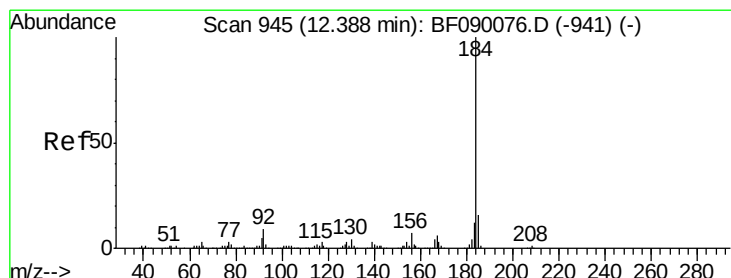
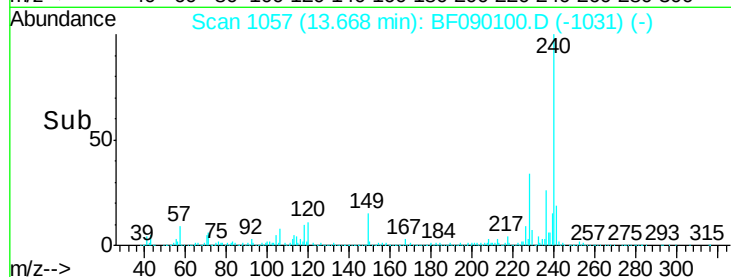
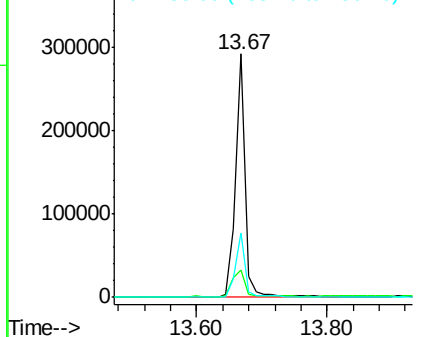
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.65 ng

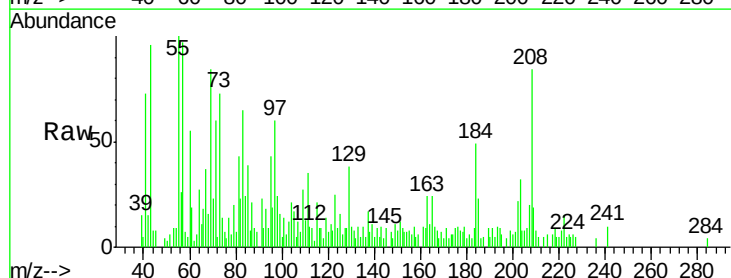
RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

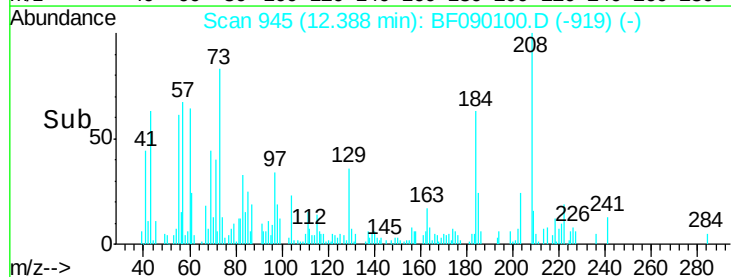
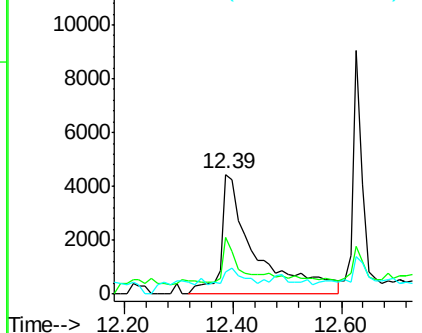
Tgt Ion:	184	Resp:	19468
Ion Ratio		Lower	Upper
184	100		
185	47.2	13.2	19.8#
183	18.6	9.2	13.8#

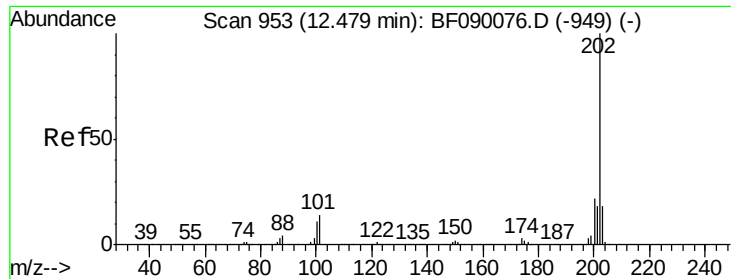


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





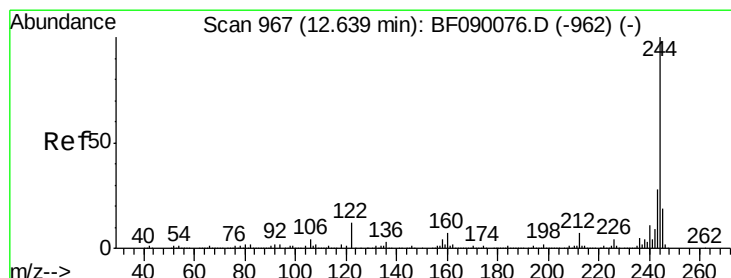
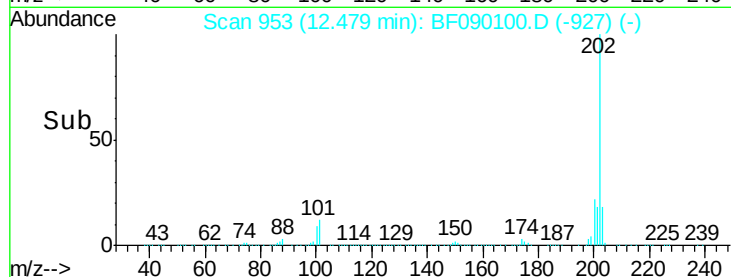
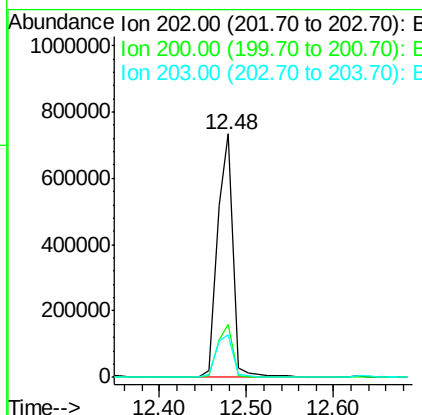
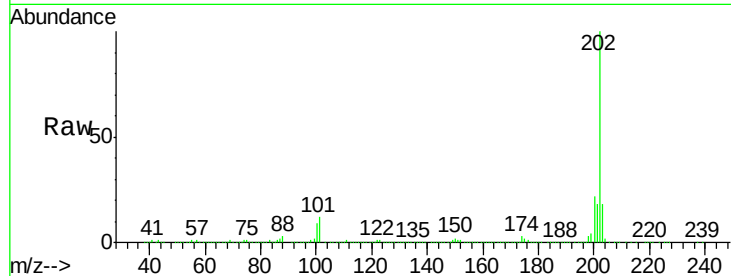
#77
 Pyrene
 Concen: 42.98 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	17.9	26.9
203	17.7	14.2	21.4

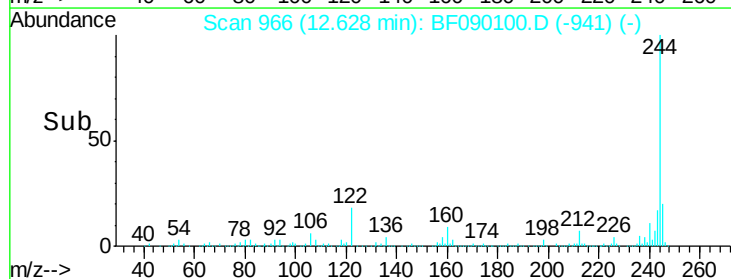
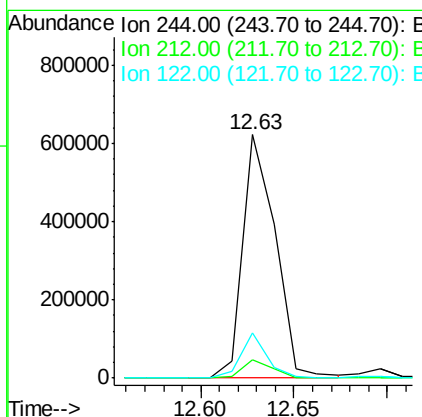
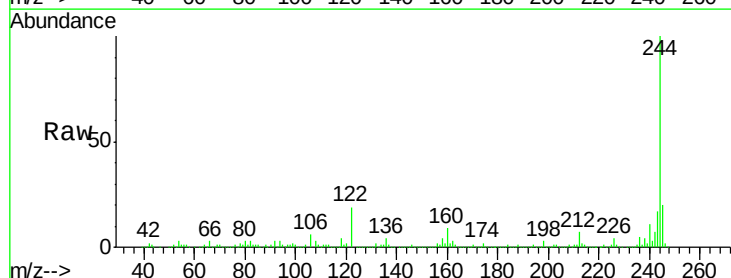
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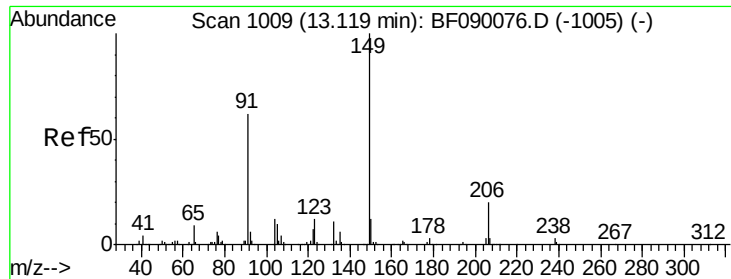
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#78
 Terphenyl-d14
 Concen: 61.99 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	5.8	8.8
122	18.5	9.4	14.0





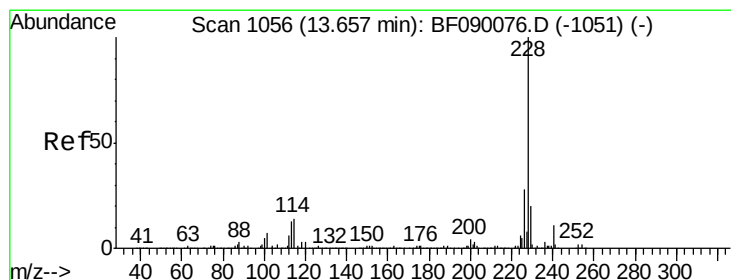
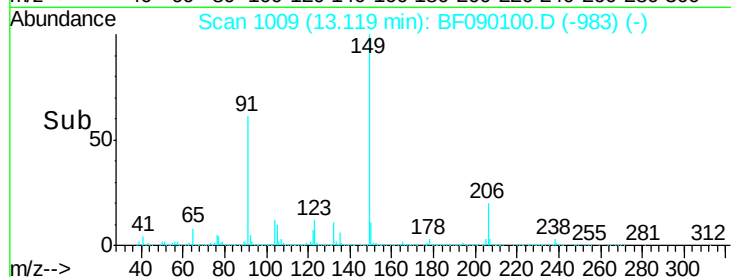
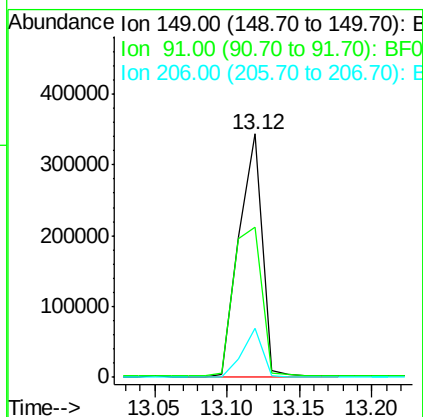
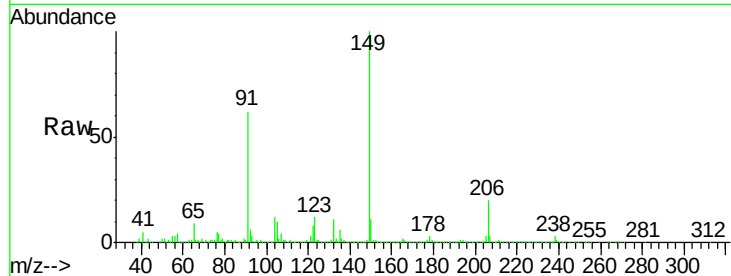
#79
Butylbenzylphthalate
Concen: 36.06 ng
RT: 13.12 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	379764		
91	61.6	49.8	74.6	
206	20.0	16.3	24.5	

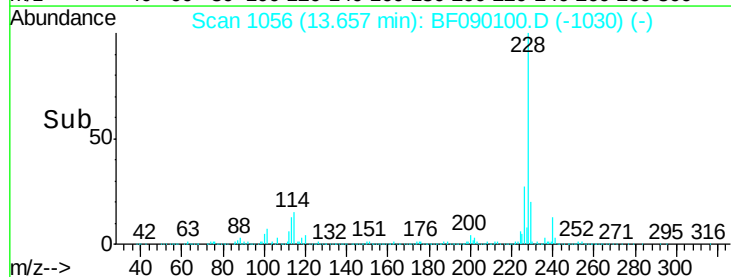
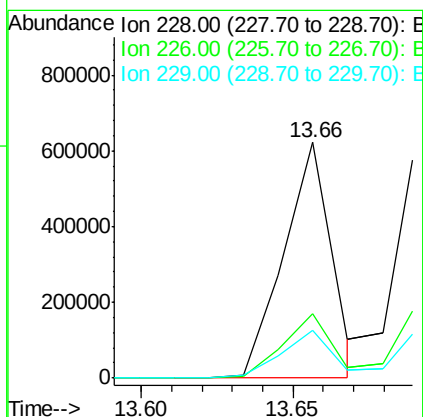
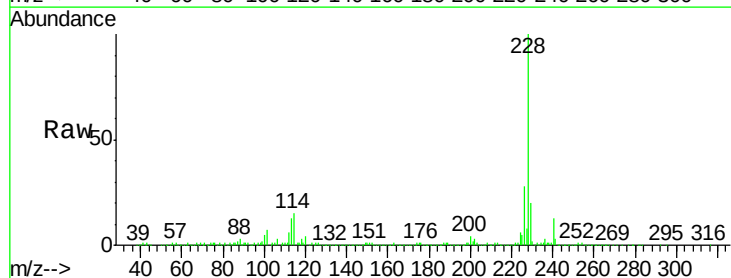
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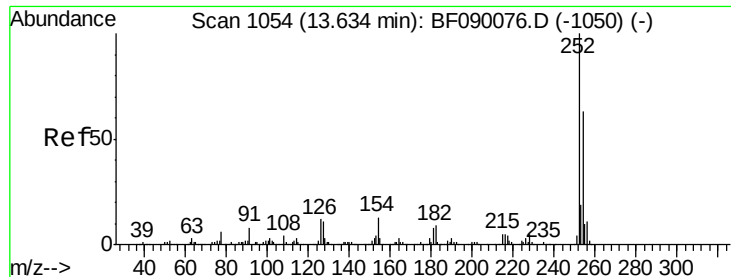
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#80
Benzo(a)anthracene
Concen: 40.64 ng m
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	687517		
226	27.5	22.0	33.0	
229	20.3	16.2	24.2	





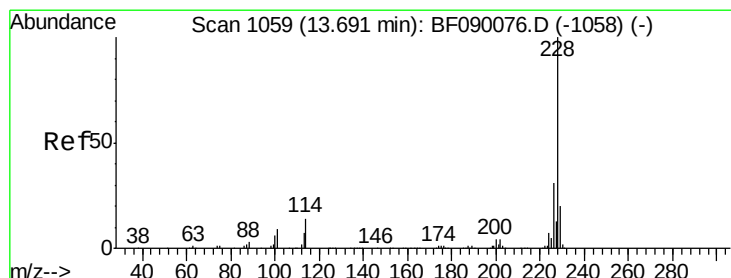
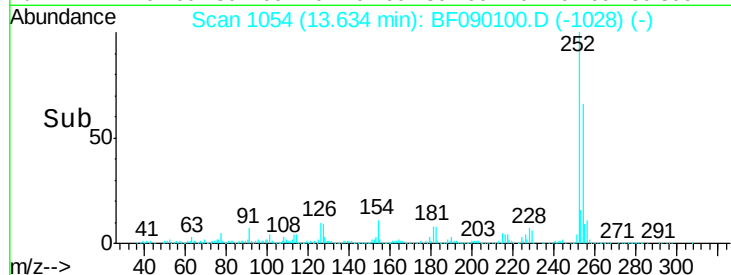
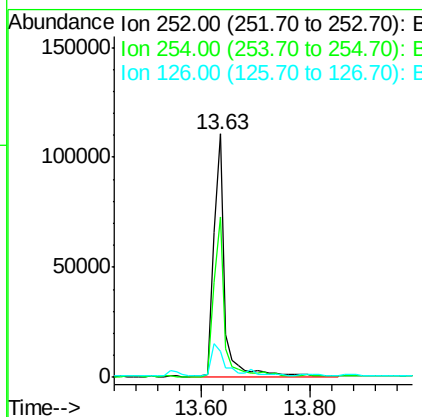
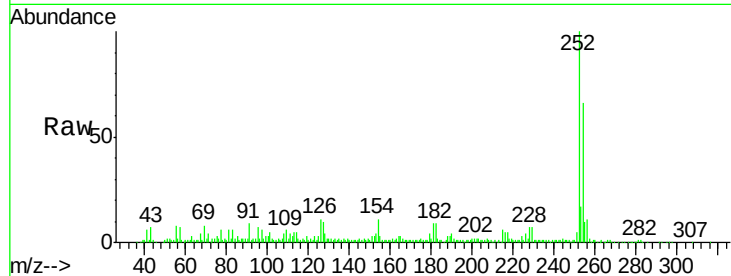
#81
 3,3'-Dichlorobenzidine
 Concen: 21.89 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion:	252	Resp:	155215
Ion Ratio	Lower	Upper	
252	100		
254	65.8	50.7	76.1
126	10.8	9.2	13.8

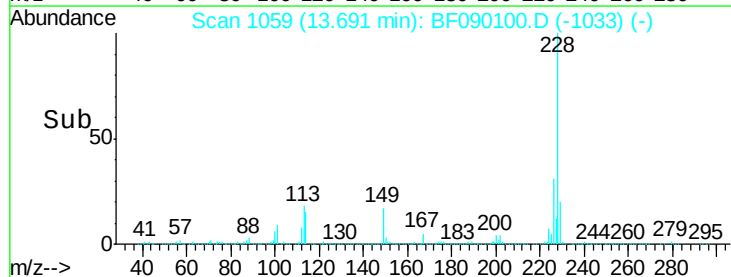
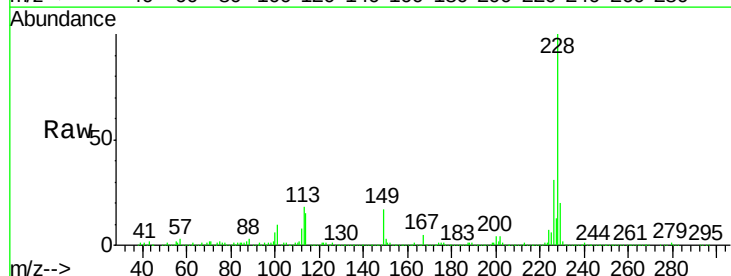
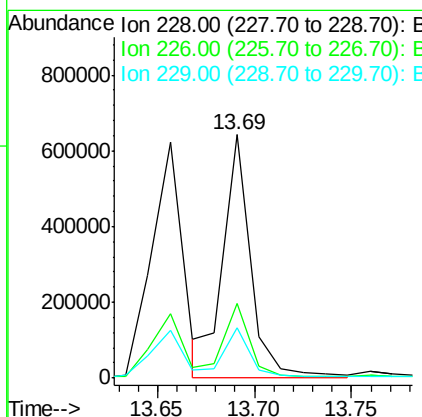
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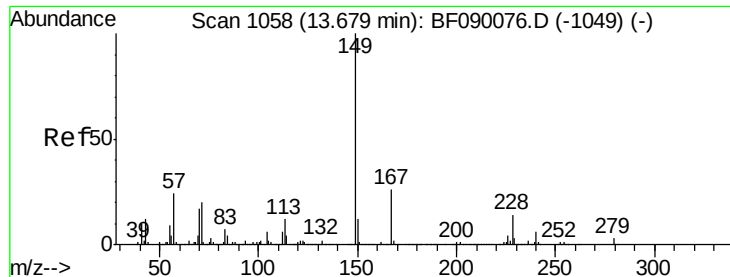
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#82
 Chrysene
 Concen: 40.30 ng m
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion:	228	Resp:	639453
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.6	37.0
229	20.4	16.2	24.4





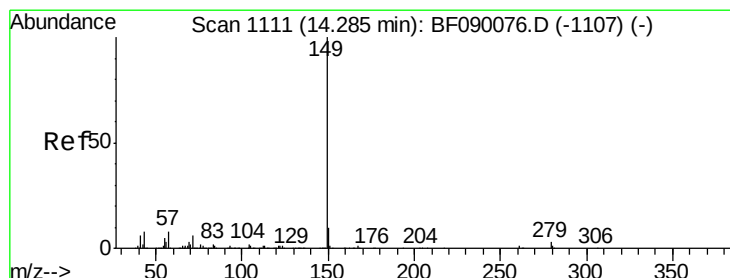
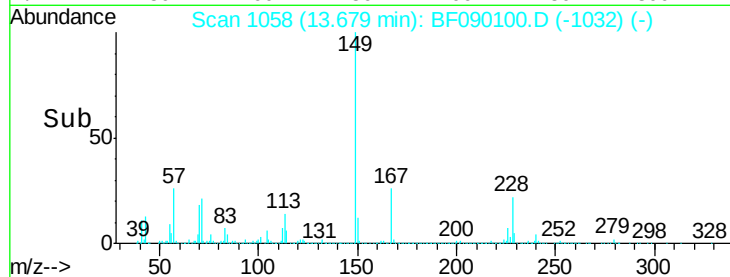
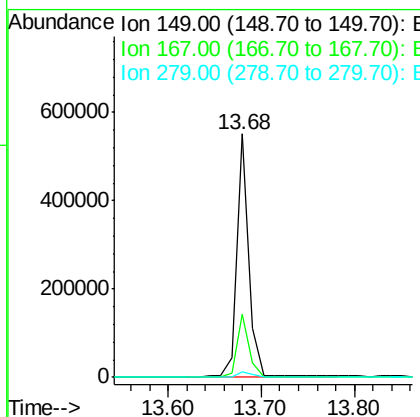
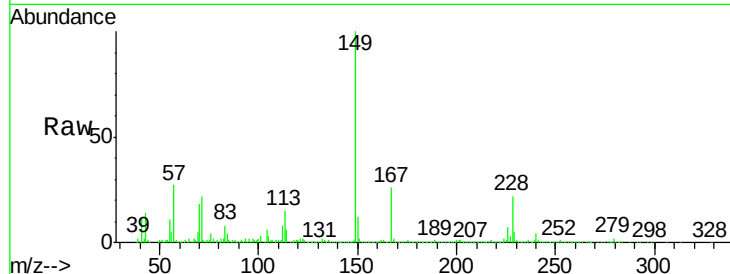
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.77 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	491970		
167	26.0	21.2	31.8	
279	2.3	2.2	3.2	

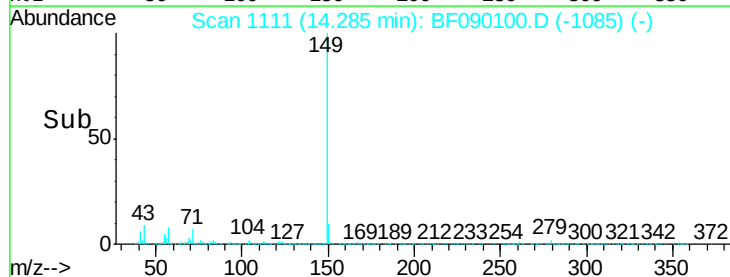
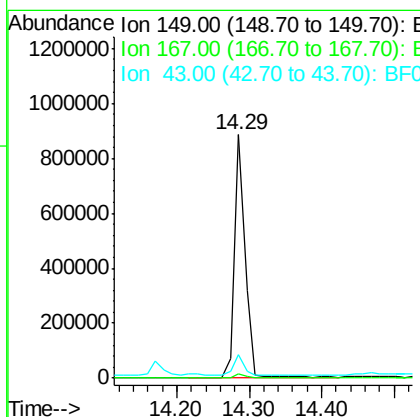
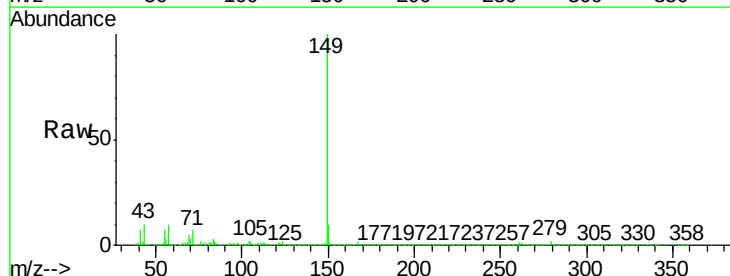
Manual Integrations
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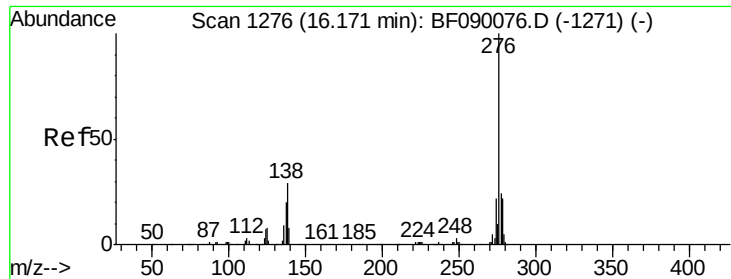
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#84
 Di-n-octyl phthalate
 Concen: 38.29 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF090100.D
 Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	891603		
167	1.5	1.2	1.8	
43	8.0	6.8	10.2	





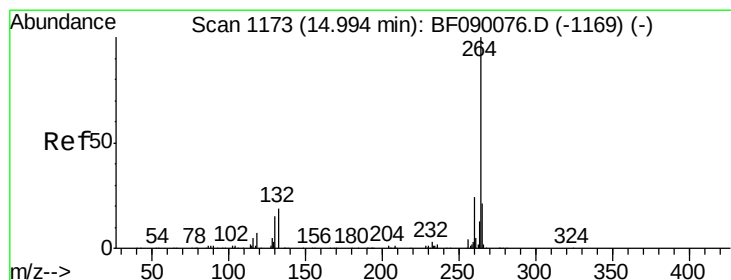
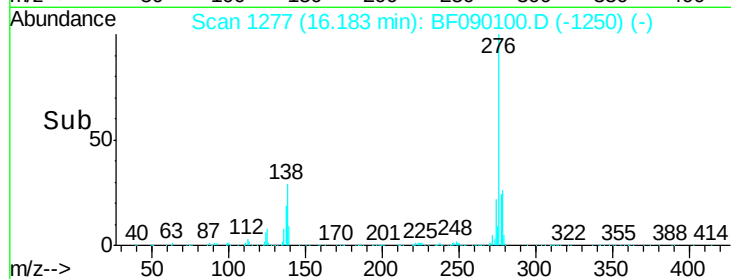
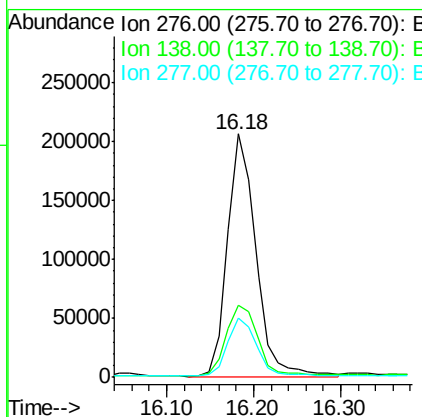
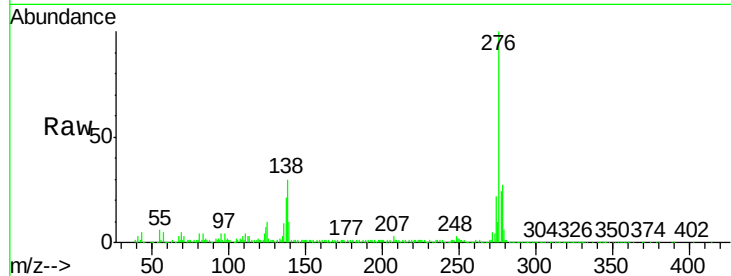
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.00 ng
RT: 16.18 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	32.5	25.9	38.9
277	25.0	19.9	29.9

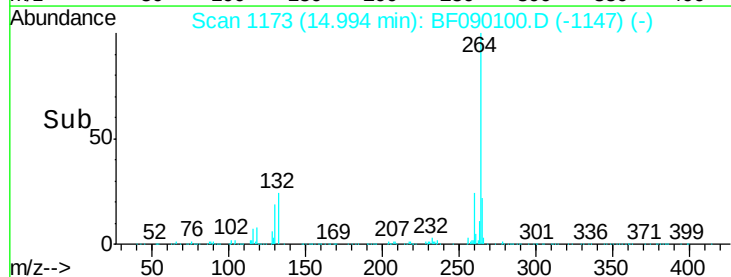
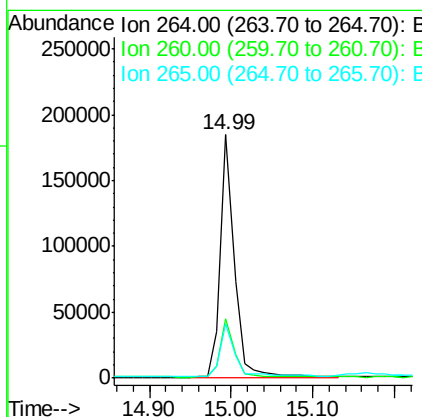
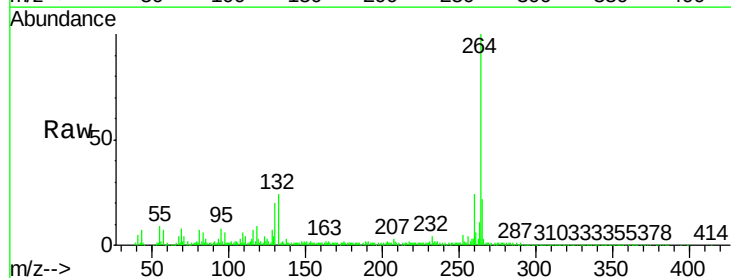
Manual Integrations
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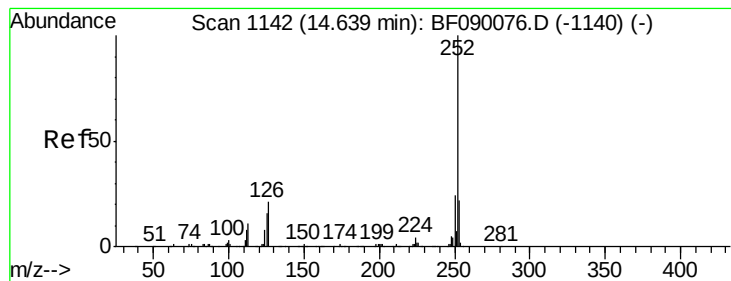
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#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.5	19.5	29.3
265	22.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 54.92 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

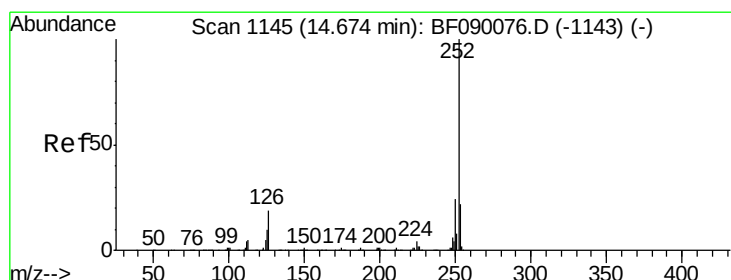
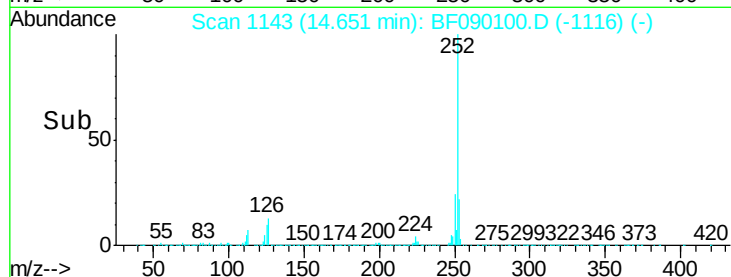
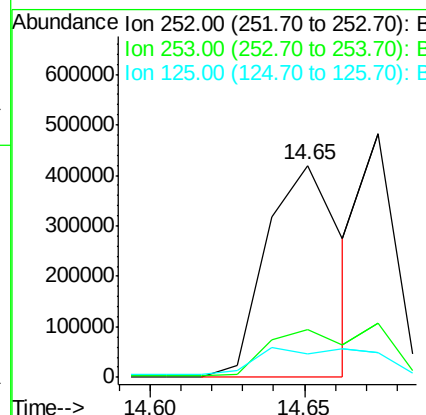
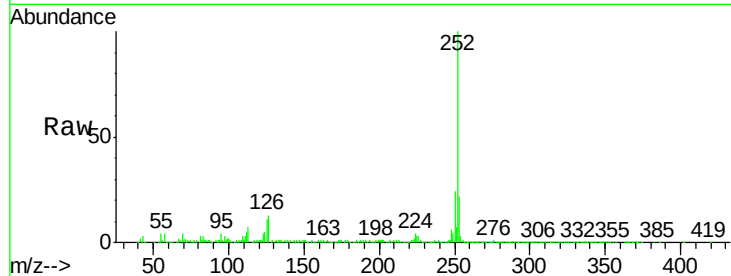
ClientSampleId :

NC-TS-005MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.3	12.7	19.1

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 33.79 ng m

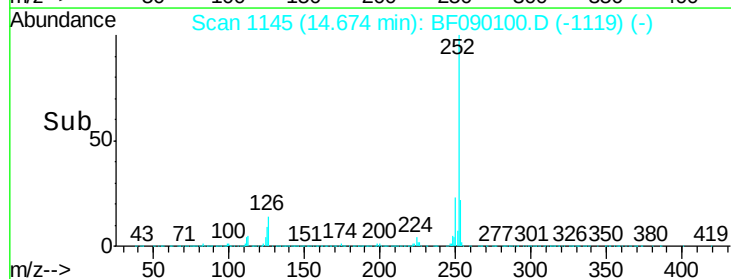
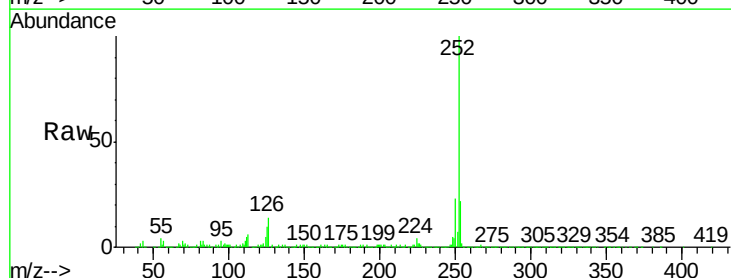
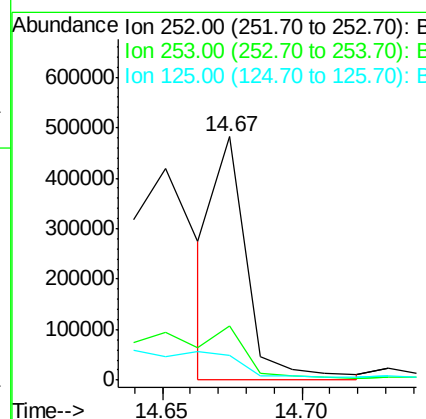
RT: 14.67 min Scan# 1145

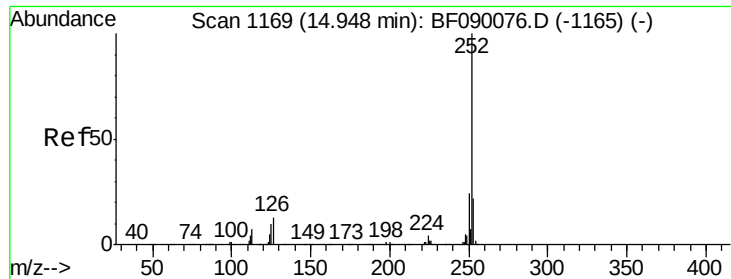
Delta R.T. 0.00 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.0	7.8	11.6





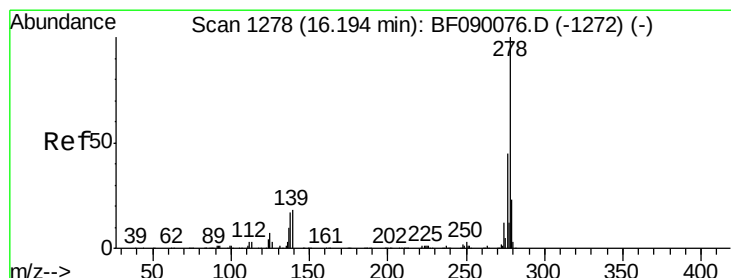
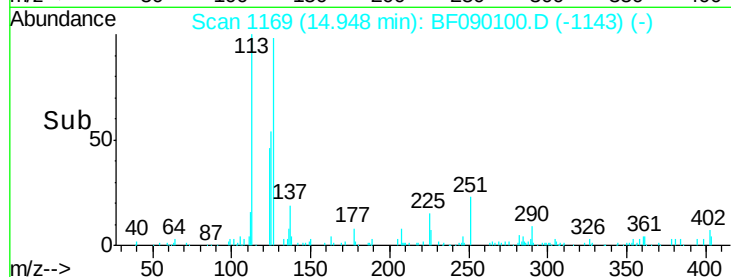
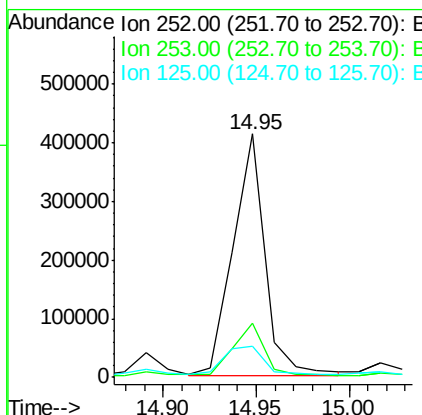
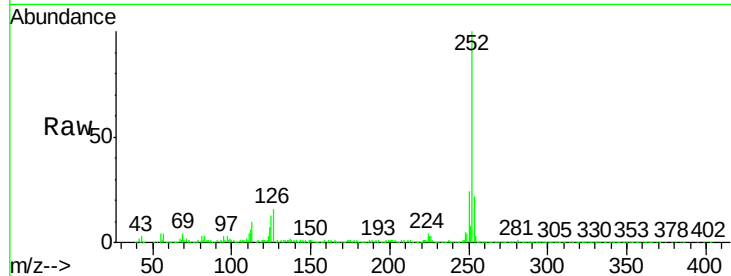
#89
Benzo(a)pyrene
Concen: 42.79 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.4	26.0
125	12.8	7.7	11.5

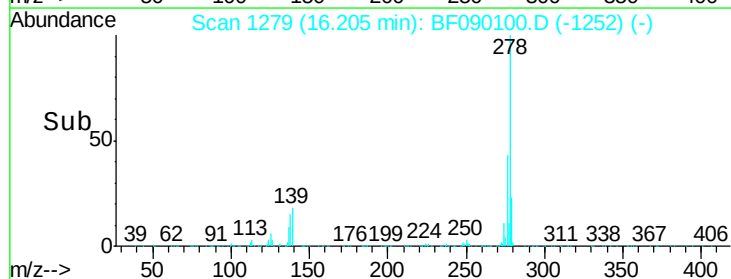
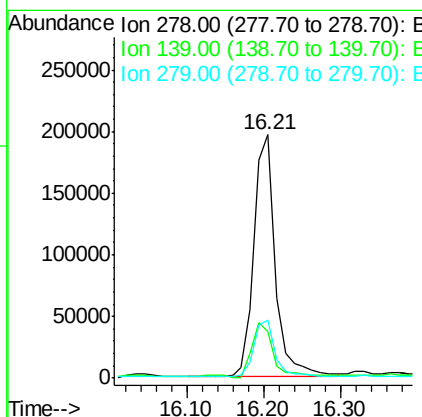
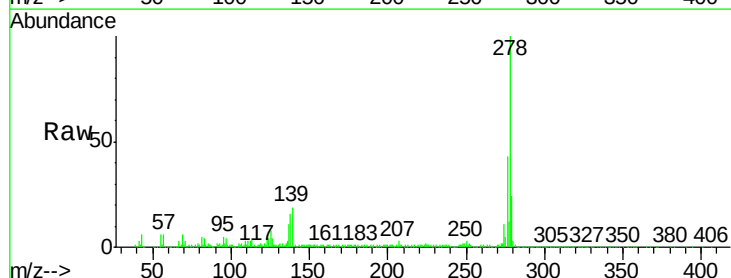
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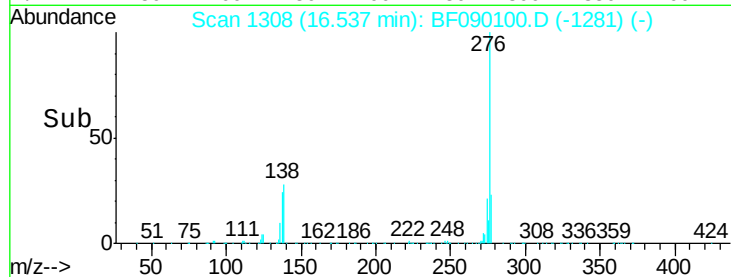
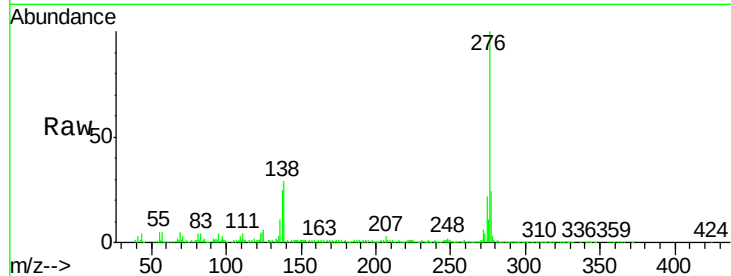
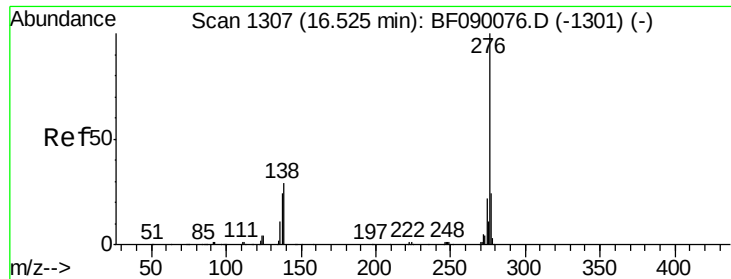
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#90
Dibenzo(a,h)anthracene
Concen: 41.96 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF090100.D
Acq: 15 Sep 2016 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.1	14.6	21.8
279	23.8	18.8	28.2





#91

Benzo(g,h,i)perylene

Concen: 45.18 ng

RT: 16.54 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF090100.D

Acq: 15 Sep 2016 19:12

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MSD

Tgt Ion:	276	Resp:	392093
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.9	28.3
138	28.8	23.3	34.9

Manual Integrations
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