

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090080.D
 Acq On : 15 Sep 2016 5:30
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Manual Integrations
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 9/15/2016 12:51:43 PM

Quant Time: Sep 15 11:27:09 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	164150	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	684190	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	339526	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	581998	20.00	ng	0.00
75) Chrysene-d12	13.67	240	446540	20.00	ng	0.00
86) Perylene-d12	14.99	264	395286	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	892736	87.47	ng	0.00
7) Phenol-d6	6.20	99	1040326	77.86	ng	0.00
23) Nitrobenzene-d5	7.13	82	991893	81.51	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	272381	79.87	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1599789	74.00	ng	0.00
78) Terphenyl-d14	12.64	244	1407502	74.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	222055	41.67	ng	99
3) Pyridine	2.59	79	601536	44.25	ng	97
4) n-Nitrosodimethylamine	2.56	42	181428	42.37	ng	91
6) Aniline	6.22	93	681798	41.11	ng	97
8) 2-Chlorophenol	6.33	128	473222	40.24	ng	100
9) Benzaldehyde	6.09	77	296910	41.69	ng	99
10) Phenol	6.22	94	569687	37.98	ng	98
11) bis(2-Chloroethyl)ether	6.30	93	465115	38.67	ng	99
12) 1,3-Dichlorobenzene	6.49	146	491847	40.66	ng	99
13) 1,4-Dichlorobenzene	6.57	146	509963	40.84	ng	99
14) 1,2-Dichlorobenzene	6.72	146	430152	37.91	ng	# 89
15) Benzyl Alcohol	6.71	79	308035	40.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	590355	41.42	ng	99
17) 2-Methylphenol	6.83	107	395734	41.15	ng	99
18) Hexachloroethane	7.06	117	171172	37.77	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	329013	39.62	ng	100
20) 3+4-Methylphenols	6.99	107	488602	41.84	ng	99
22) Acetophenone	6.98	105	679286	41.01	ng	99
24) Nitrobenzene	7.14	77	473231	36.92	ng	99
25) Isophorone	7.39	82	1011284	39.69	ng	100
26) 2-Nitrophenol	7.46	139	260024	41.84	ng	99
27) 2,4-Dimethylphenol	7.52	122	462891	42.33	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	582029	38.94	ng	99
29) 2,4-Dichlorophenol	7.71	162	388922	40.26	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	373917	39.24	ng	100
31) Naphthalene	7.86	128	1301397	38.70	ng	100
32) Benzoic acid	7.68	122	348221	39.70	ng	99
33) 4-Chloroaniline	7.92	127	568104	39.69	ng	100
34) Hexachlorobutadiene	7.99	225	189408	38.82	ng	99
35) Caprolactam	8.31	113	128766	39.92	ng	95
36) 4-Chloro-3-methylphenol	8.41	107	449766	40.11	ng	99
37) 2-Methylnaphthalene	8.55	142	820830	39.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	320720	36.74	ng	100
40) Hexachlorocyclopentadiene	8.71	237	180881	39.87	ng	98

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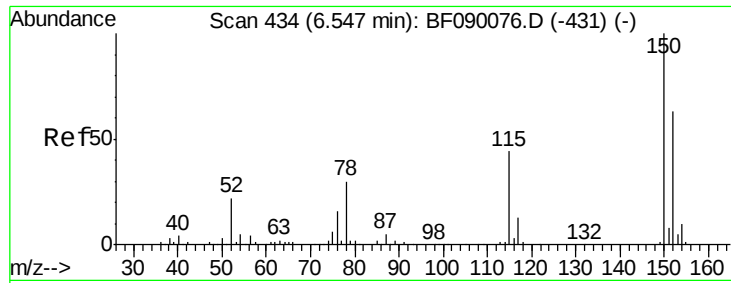
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	249262	39.39	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	272659	40.06	ng	99
45) 1,1'-Biphenyl	9.02	154	991343	35.68	ng	100
46) 2-Chloronaphthalene	9.04	162	797825	38.75	ng	99
47) 2-Nitroaniline	9.14	65	285948	43.51	ng	95
48) Acenaphthylene	9.45	152	1389652	40.19	ng	99
49) Dimethylphthalate	9.34	163	1039104	41.20	ng	100
50) 2,6-Dinitrotoluene	9.39	165	226610	40.21	ng	# 55
51) Acenaphthene	9.62	154	791976	41.01	ng	99
52) 3-Nitroaniline	9.55	138	278244	40.58	ng	96
53) 2,4-Dinitrophenol	9.66	184	129660	42.32	ng	98
54) Dibenzofuran	9.79	168	1072982	40.18	ng	99
55) 4-Nitrophenol	9.72	139	198104	41.06	ng	93
56) 2,4-Dinitrotoluene	9.78	165	248615	36.19	ng	100
57) Fluorene	10.12	166	782771	38.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	192266	37.04	ng	99
59) Diethylphthalate	10.02	149	900196	36.87	ng	100
60) 4-Chlorophenyl-phenylether	10.12	204	321379	39.35	ng	99
61) 4-Nitroaniline	10.17	138	290632	41.87	ng	96
62) Azobenzene	10.28	77	944867	36.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	173299	43.95	ng	88
65) n-Nitrosodiphenylamine	10.25	169	732257	39.71	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	247046	44.04	ng	99
67) Hexachlorobenzene	10.67	284	276508	41.82	ng	97
68) Atrazine	10.79	200	254652	46.47	ng	98
69) Pentachlorophenol	10.87	266	174967	45.18	ng	99
70) Phenanthrene	11.07	178	1133832	40.31	ng	100
71) Anthracene	11.13	178	1212703	39.49	ng	100
72) Carbazole	11.29	167	1329220	42.19	ng	99
73) Di-n-butylphthalate	11.63	149	1321680	37.41	ng	100
74) Fluoranthene	12.25	202	1129331	38.32	ng	100
76) Benzidine	12.39	184	726286	39.87	ng	99
77) Pyrene	12.48	202	1259245	38.64	ng	100
79) Butylbenzylphthalate	13.12	149	630366	38.84	ng	99
80) Benzo(a)anthracene	13.66	228	1009912	38.74	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	429607	39.32	ng	98
82) Chrysene	13.69	228	788992	32.27	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	746207	37.17	ng	100
84) Di-n-octyl phthalate	14.29	149	1344113	37.46	ng	100
85) Indeno(1,2,3-cd)pyrene	16.17	276	741942	34.92	ng	100
87) Benzo(b)fluoranthene	14.64	252	793719m	34.25	ng	
88) Benzo(k)fluoranthene	14.67	252	971526m	46.57	ng	
89) Benzo(a)pyrene	14.95	252	835245	40.19	ng	99
90) Dibenzo(a,h)anthracene	16.19	278	617129	37.92	ng	98
91) Benzo(g,h,i)perylene	16.53	276	589747	37.97	ng	99

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



#1

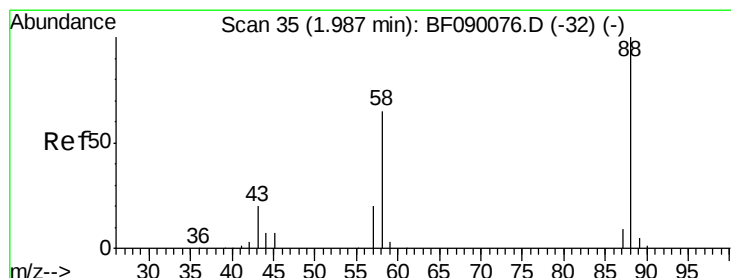
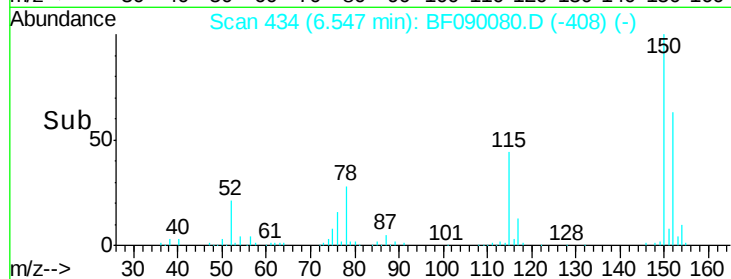
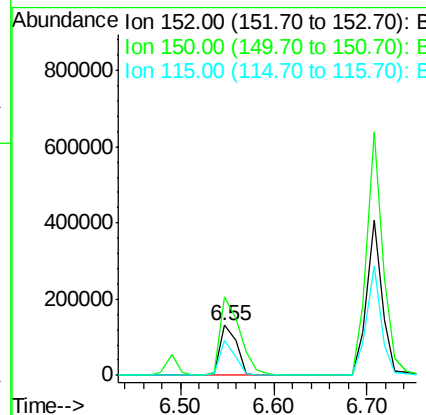
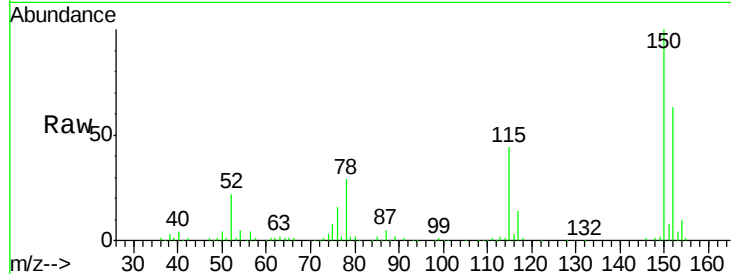
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	128.9	193.3
115	69.1	55.5	83.3

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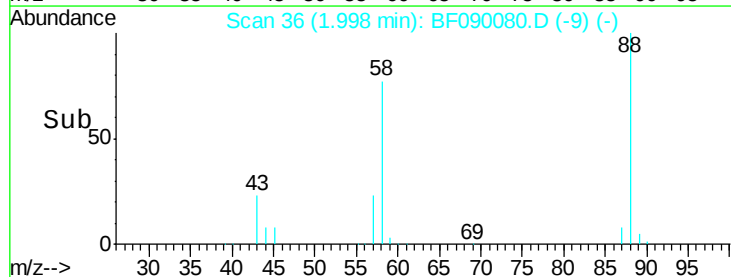
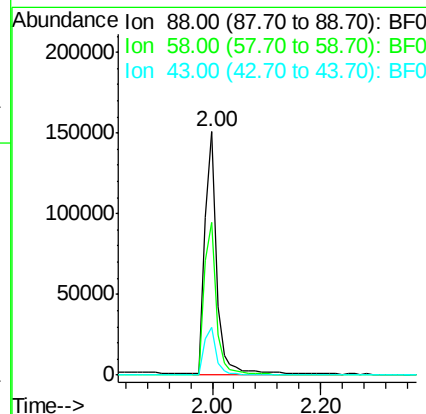
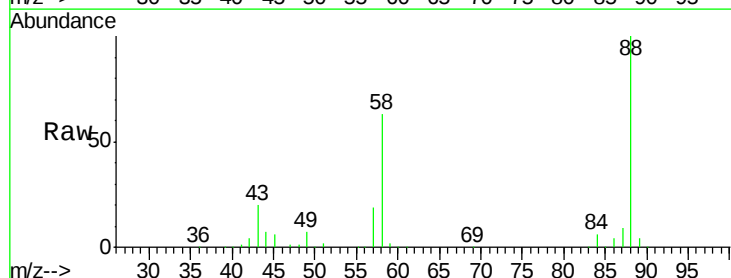
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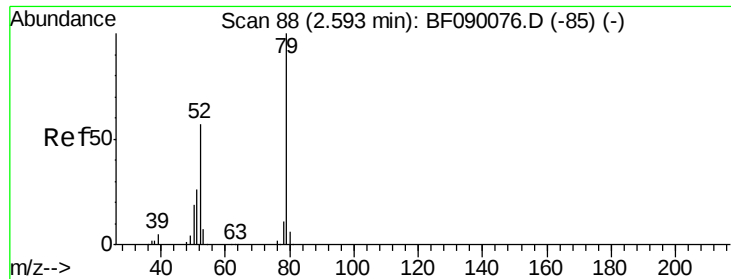


#2

1,4-Dioxane
Concen: 41.67 ng
RT: 2.00 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.7	53.4	80.0
43	20.6	16.5	24.7





#3

Pyridine

Concen: 44.25 ng

RT: 2.59 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

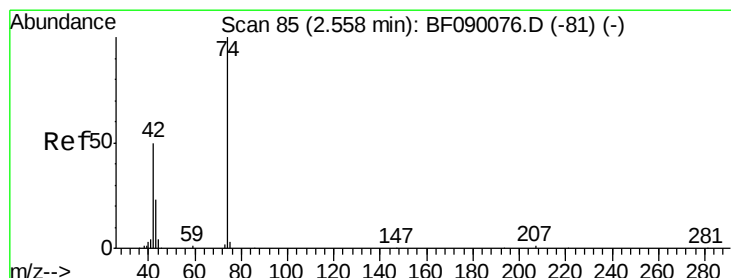
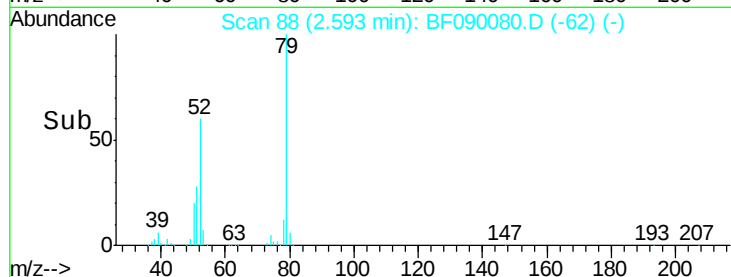
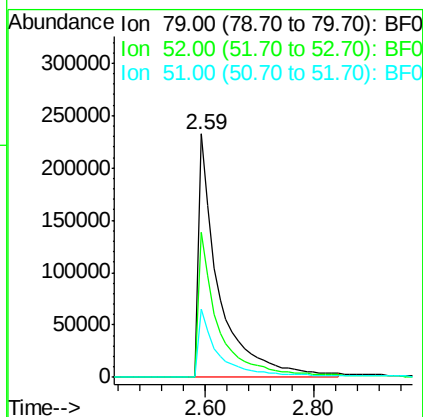
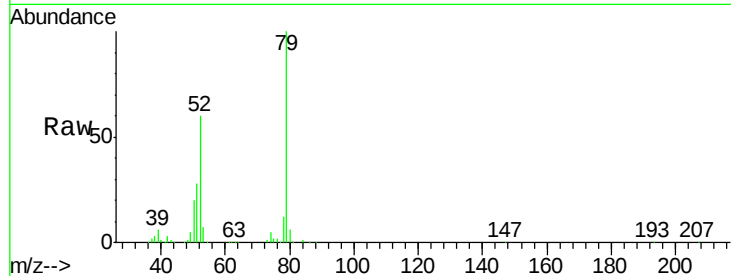
ClientSampleId :

ICVBF091516

Tgt Ion:	79	Resp:	601536
Ion	Ratio	Lower	Upper
79	100		
52	59.5	45.9	68.9
51	28.1	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 42.37 ng

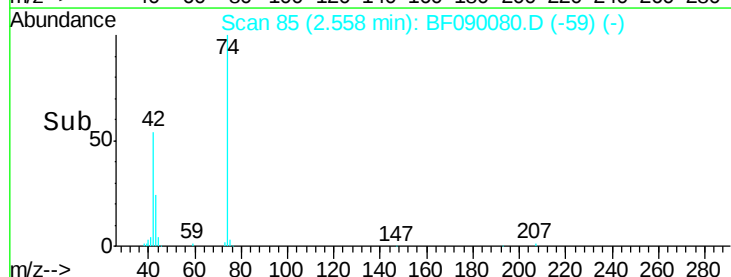
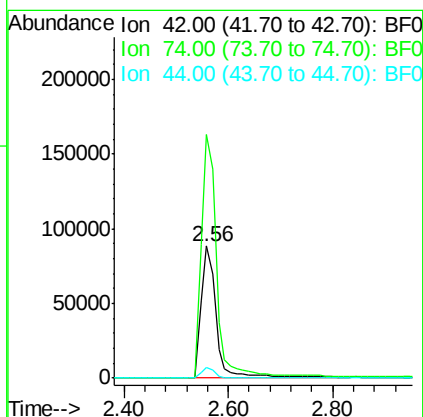
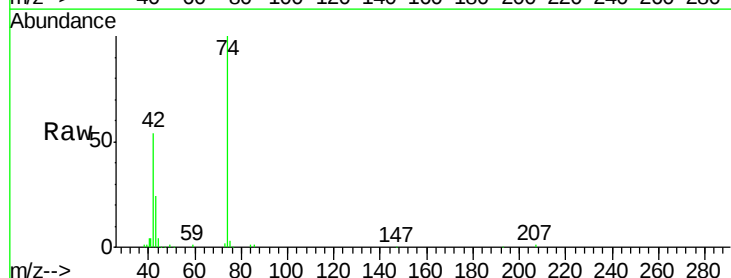
RT: 2.56 min Scan# 85

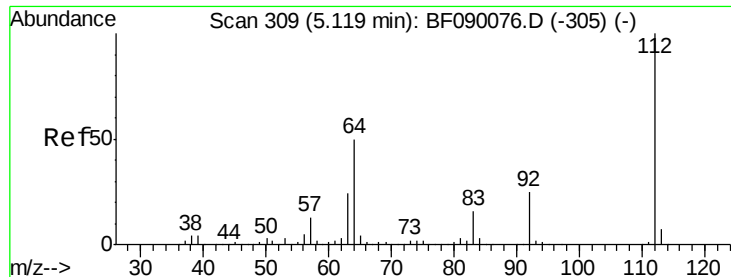
Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	42	Resp:	181428
Ion	Ratio	Lower	Upper
42	100		
74	184.2	158.7	238.1
44	7.9	6.4	9.6





#5

2-Fluorophenol

Concen: 87.47 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

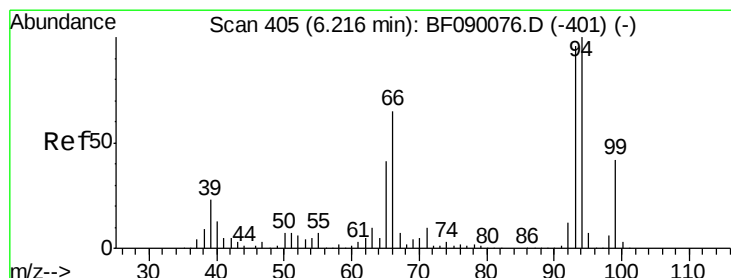
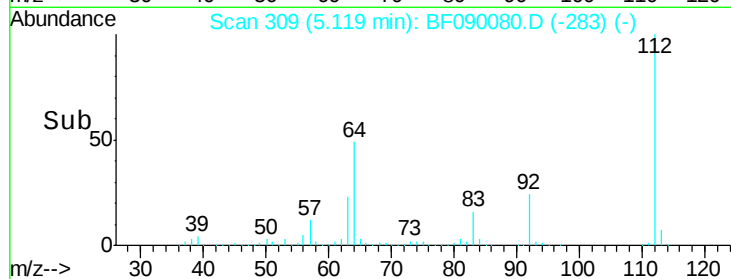
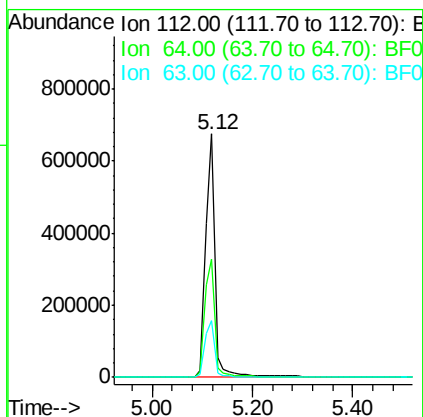
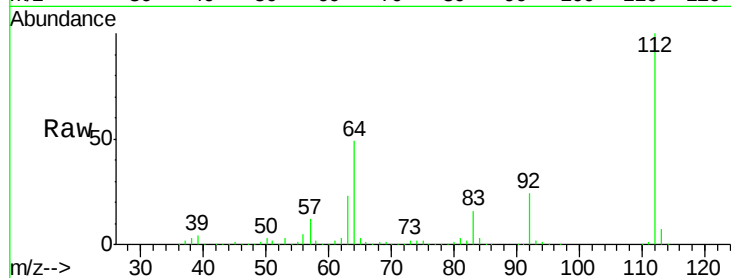
ClientSampleId :

ICVBF091516

Tgt Ion:	112	Resp:	892736
Ion Ratio	Lower	Upper	
112	100		
64	48.7	39.8	59.6
63	23.1	18.9	28.3

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#6

Aniline

Concen: 41.11 ng

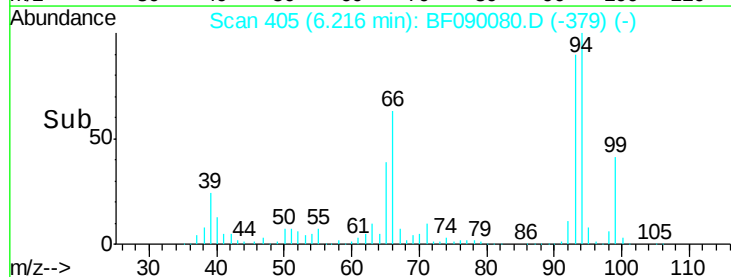
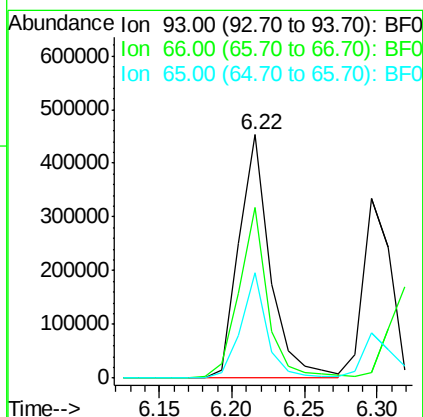
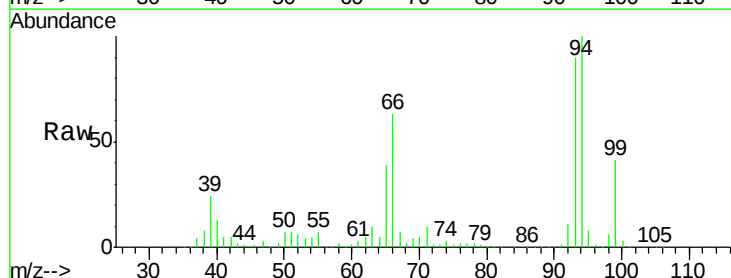
RT: 6.22 min Scan# 405

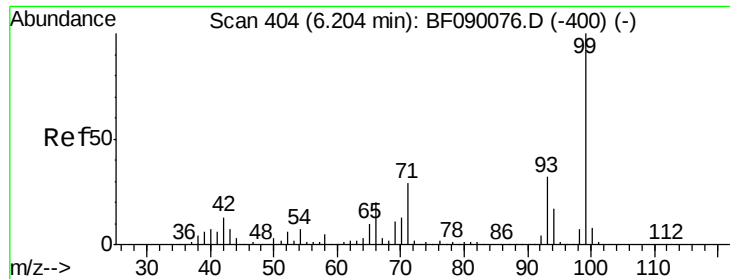
Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	93	Resp:	681798
Ion Ratio	Lower	Upper	
93	100		
66	70.0	54.2	81.2
65	43.4	33.8	50.6





#7

Phenol-d6

Concen: 77.86 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

ICVBF091516

Tgt Ion: 99 Resp: 1040326

Ion Ratio Lower Upper

99 100

42 13.4 10.6 15.8

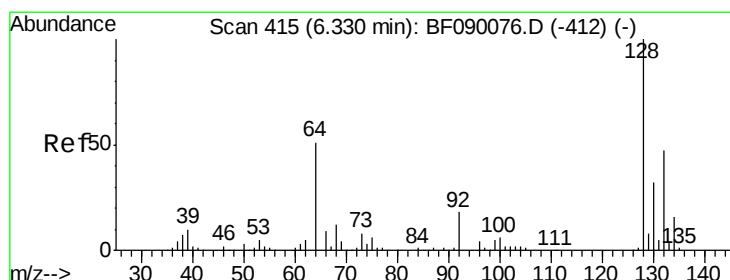
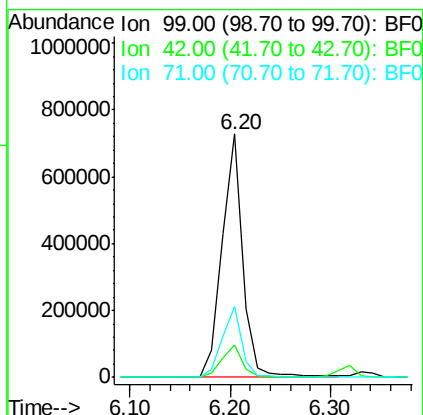
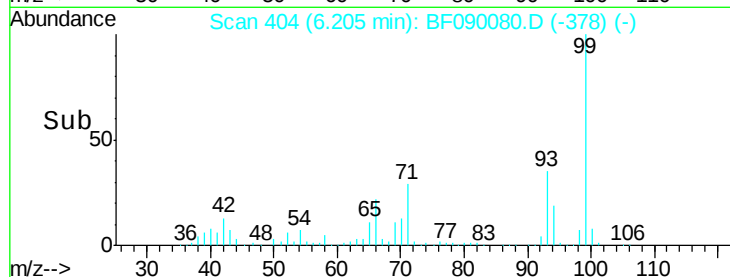
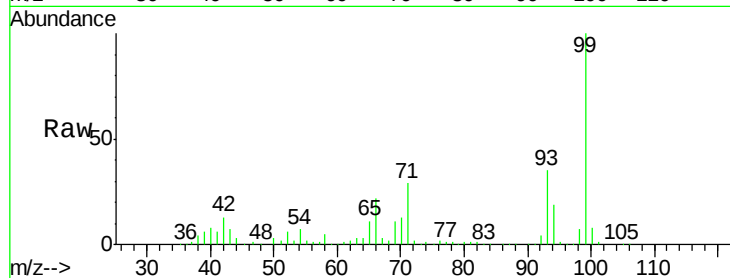
71 28.9 23.0 34.6

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#8

2-Chlorophenol

Concen: 40.24 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

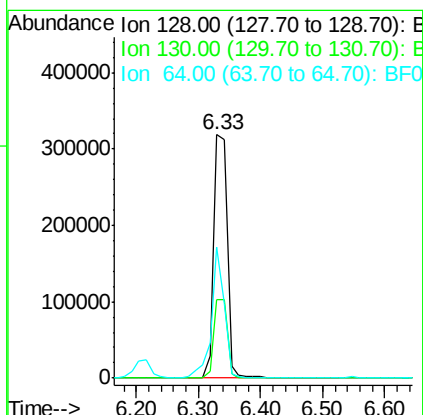
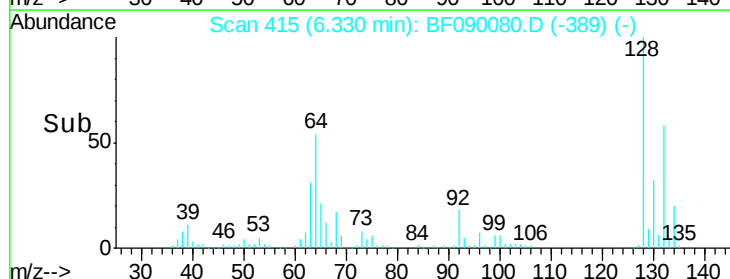
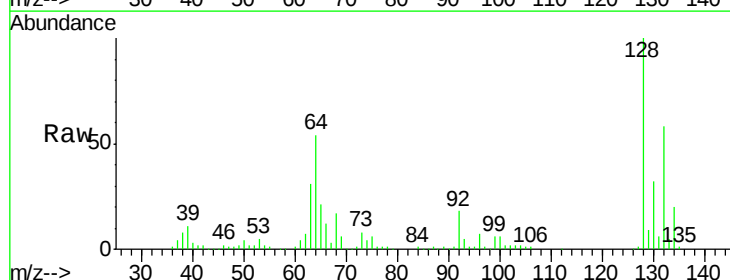
Tgt Ion: 128 Resp: 473222

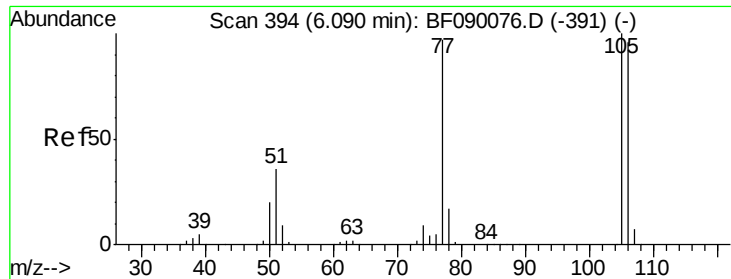
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 54.0 33.6 73.6





#9

Benzaldehyde

Concen: 41.69 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

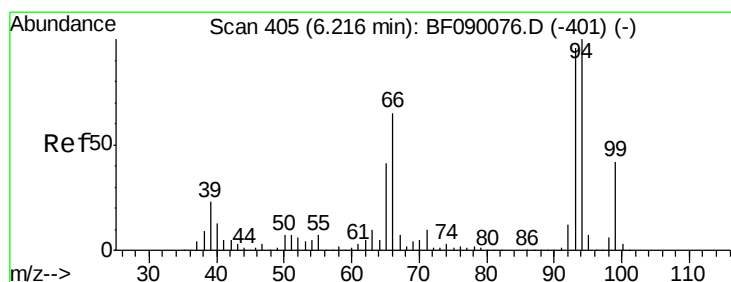
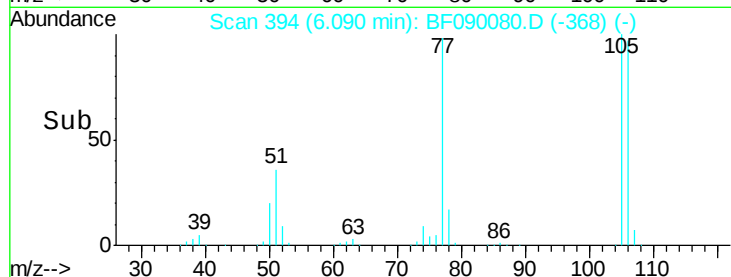
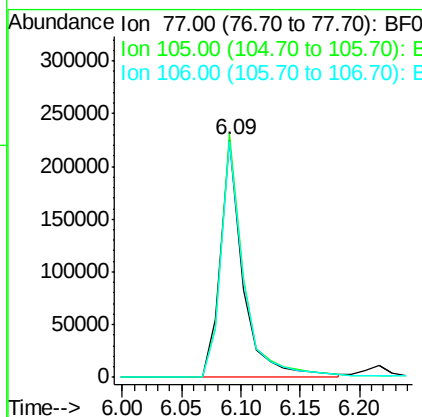
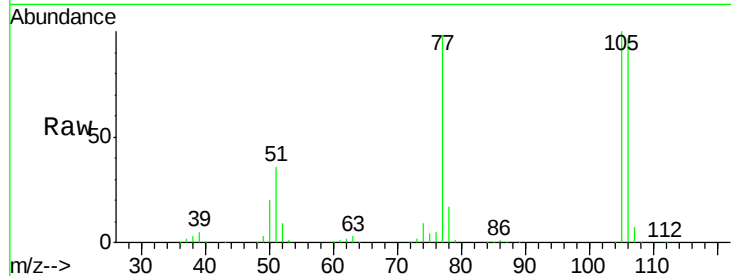
ClientSampleId :

ICVBF091516

Tgt Ion:	77	Resp:	296910
Ion Ratio	Lower	Upper	
77	100		
105	102.4	83.0	123.0
106	99.2	78.5	118.5

Manual Integrations
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#10

Phenol

Concen: 37.98 ng

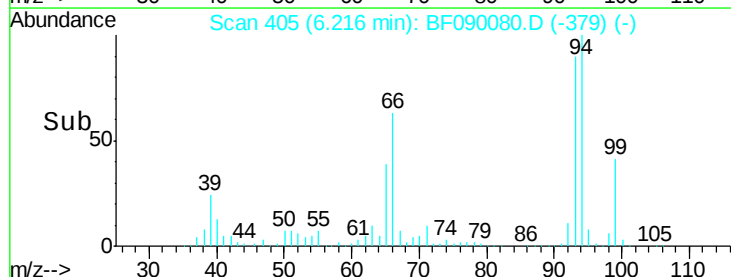
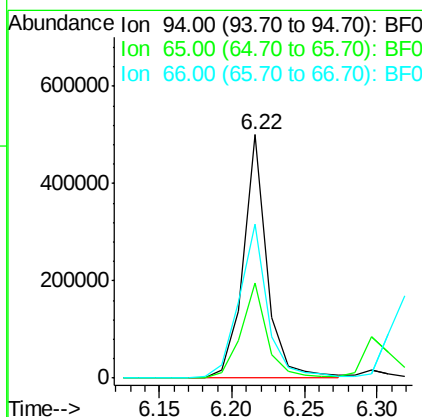
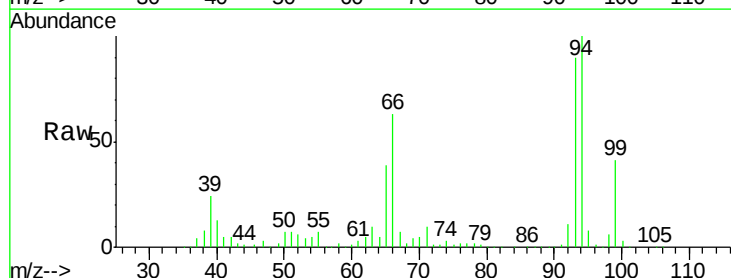
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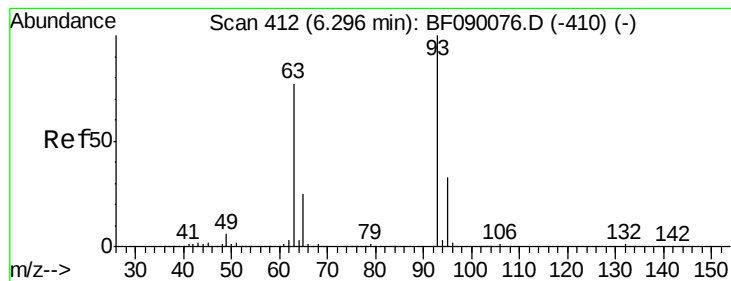
Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	94	Resp:	569687
Ion Ratio	Lower	Upper	
94	100		
65	39.3	20.6	60.6
66	63.4	45.1	85.1





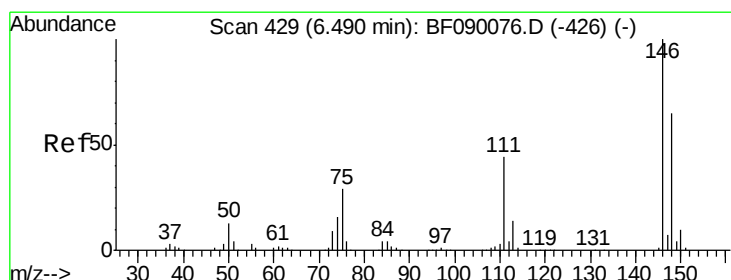
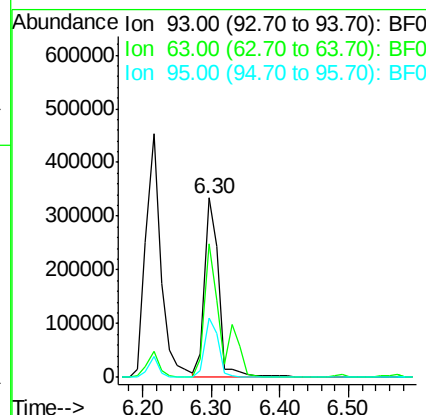
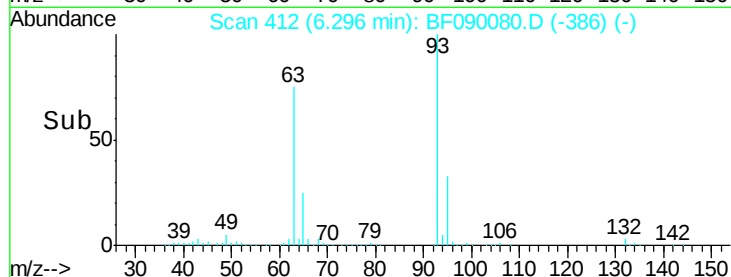
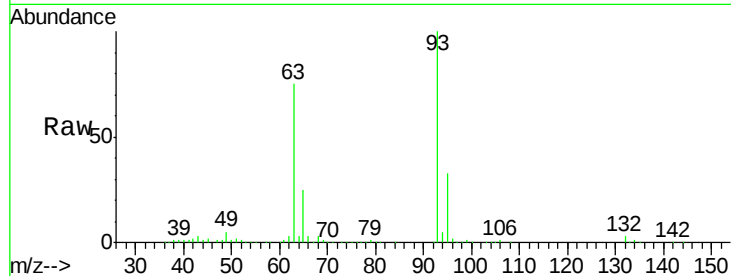
#11
bis(2-Chloroethyl)ether
Concen: 38.67 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	74.8	55.6	95.6
95	32.8	12.6	52.6

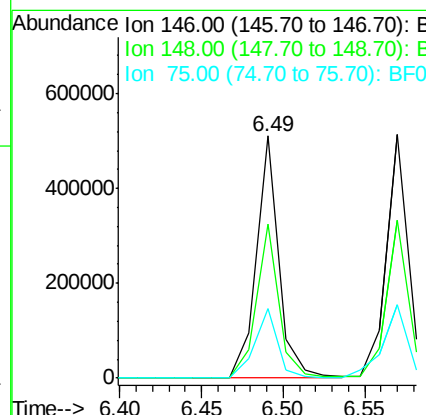
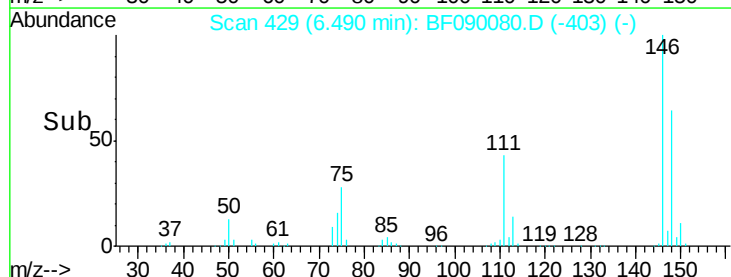
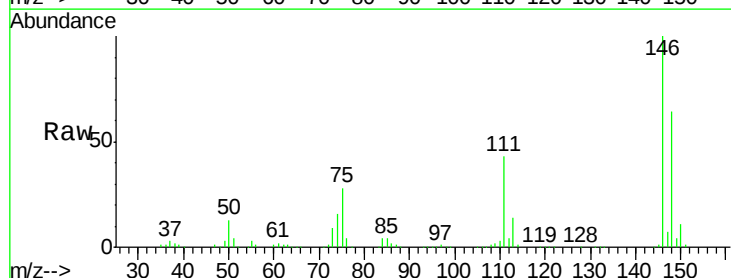
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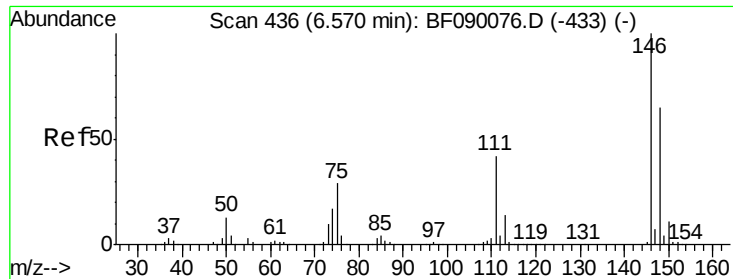
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#12
1,3-Dichlorobenzene
Concen: 40.66 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.7	51.9	77.9
75	28.5	22.8	34.2





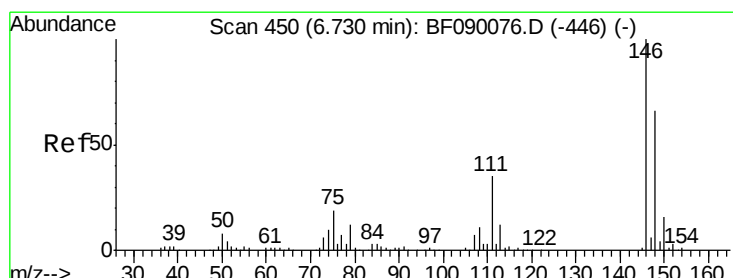
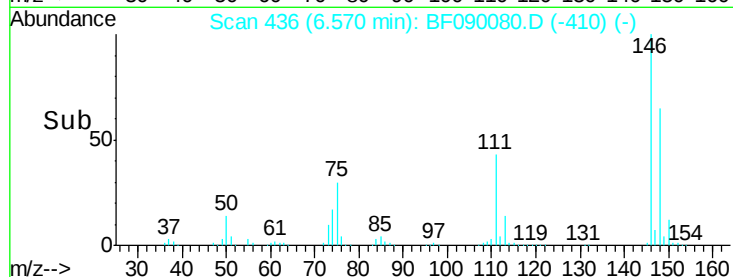
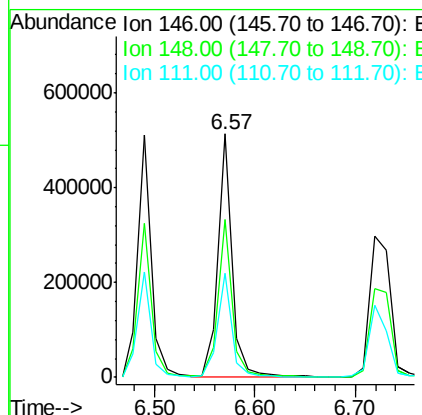
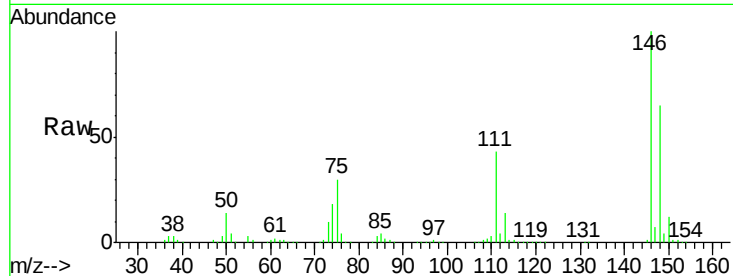
#13
 1,4-Dichlorobenzene
 Concen: 40.84 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	509963		
148	64.7	52.0	78.0	
111	42.9	33.8	50.6	

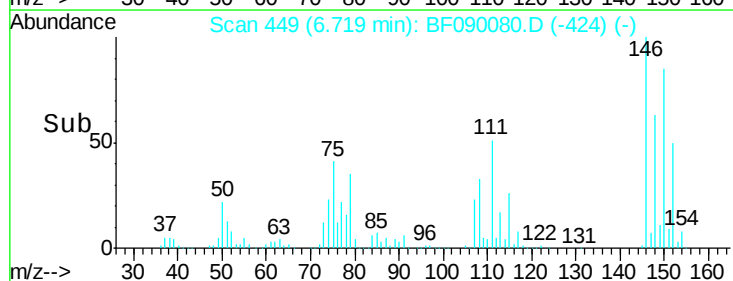
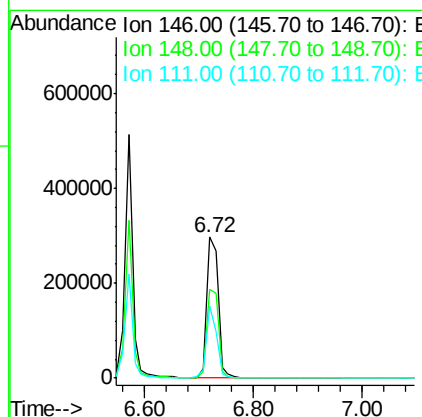
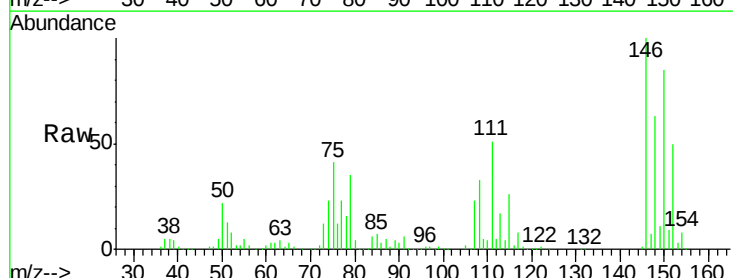
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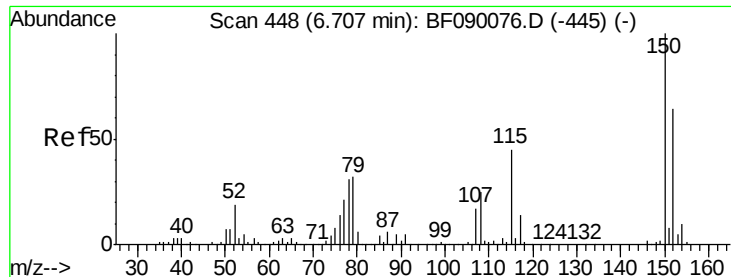
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#14
 1,2-Dichlorobenzene
 Concen: 37.91 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	430152		
148	63.5	52.6	79.0	
111	51.1	28.2	42.2	





#15

Benzyl Alcohol

Concen: 40.94 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

ICVBF091516

Tgt Ion: 79 Resp: 308035
Ion Ratio Lower Upper

79 100

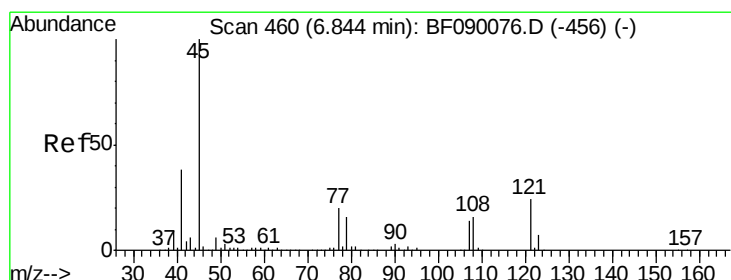
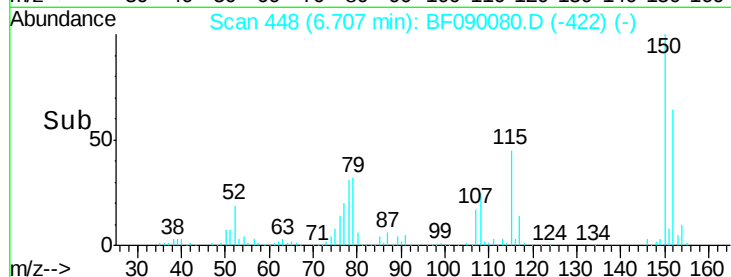
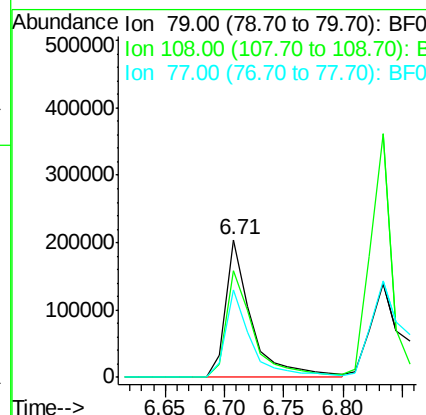
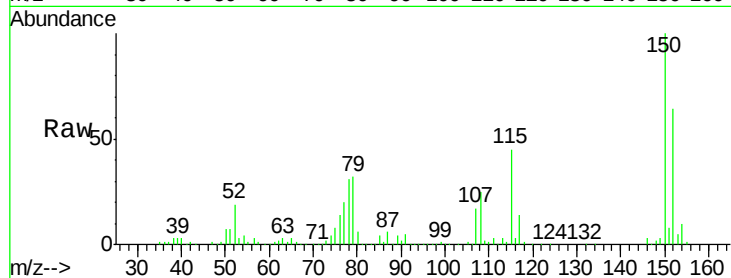
108 77.5 62.2 93.4

77 63.6 51.4 77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.42 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF090080.D

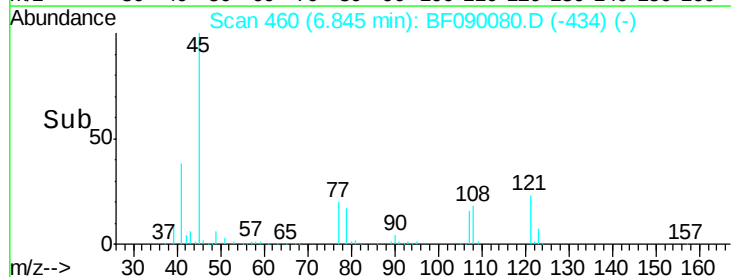
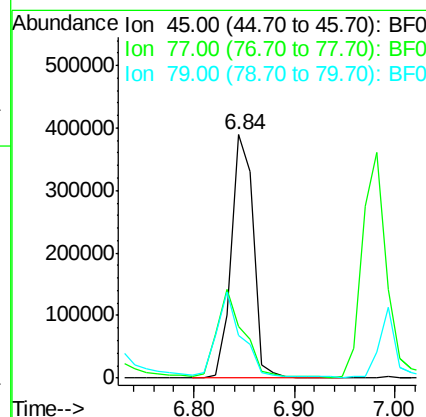
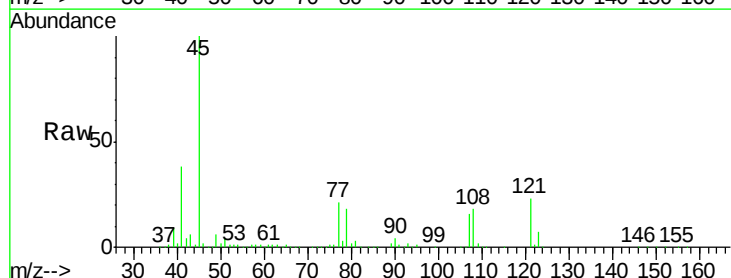
Acq: 15 Sep 2016 5:30

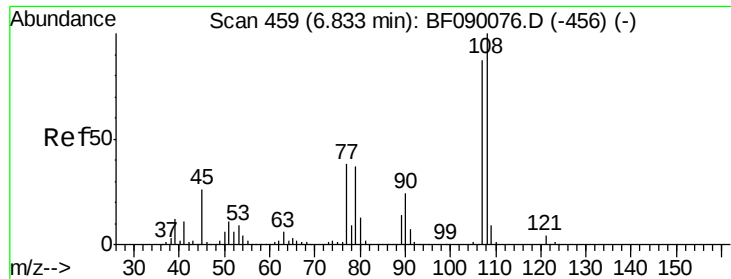
Tgt Ion: 45 Resp: 590355
Ion Ratio Lower Upper

45 100

77 21.1 0.5 40.5

79 17.7 0.0 37.0





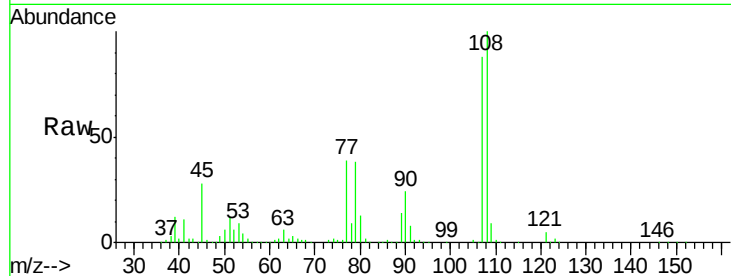
#17
2-Methylphenol
Concen: 41.15 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

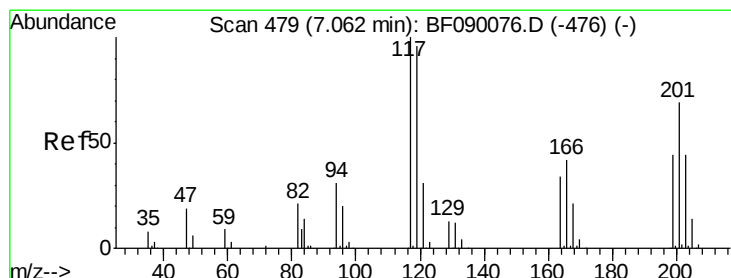
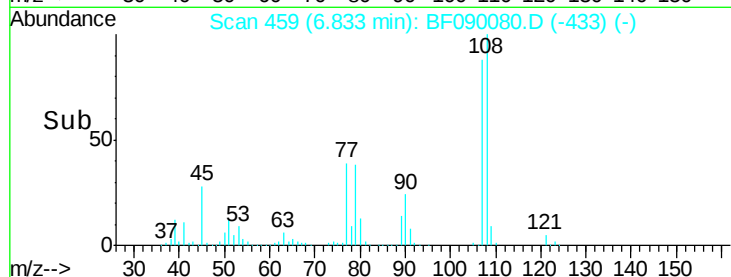
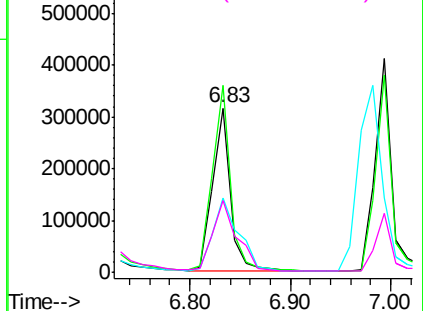
Tgt Ion:	107	Resp:	395734
Ion Ratio	Lower	Upper	
107	100		
108	114.2	92.0	138.0
77	45.0	35.6	53.4
79	43.8	35.2	52.8

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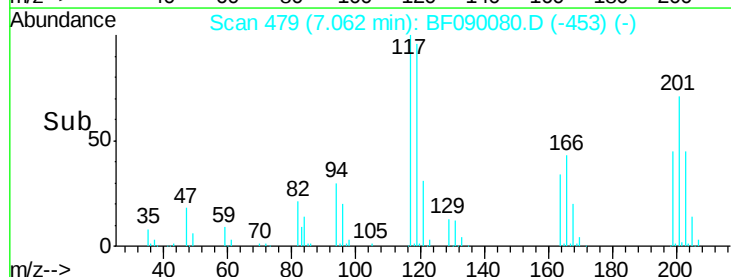
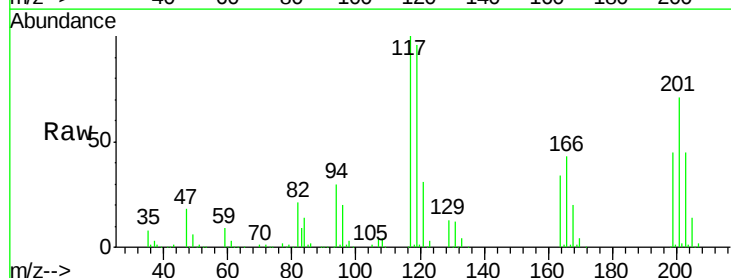
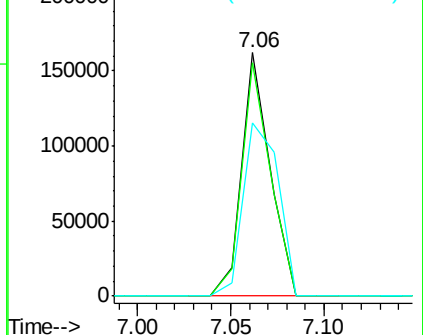
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

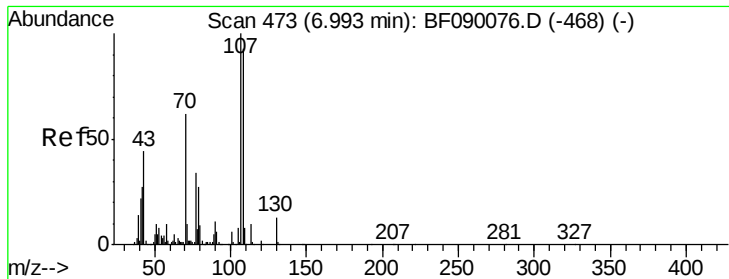


#18
Hexachloroethane
Concen: 37.77 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:	117	Resp:	171172
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.6	115.0
201	71.2	55.5	83.3

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





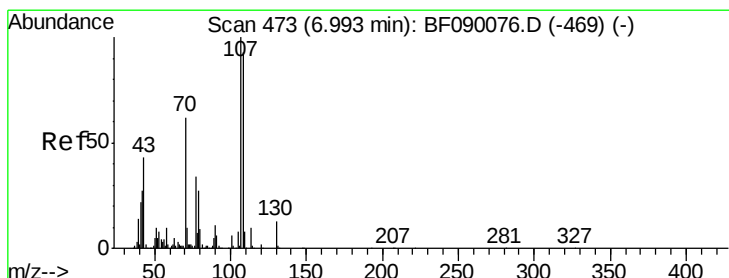
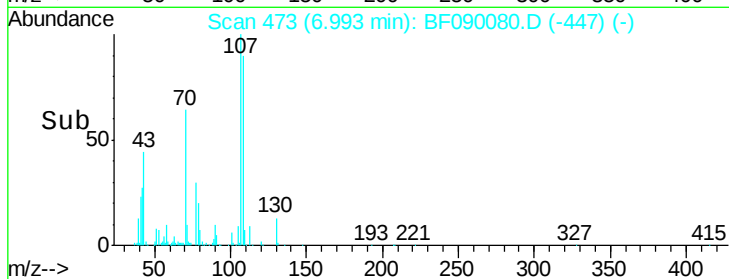
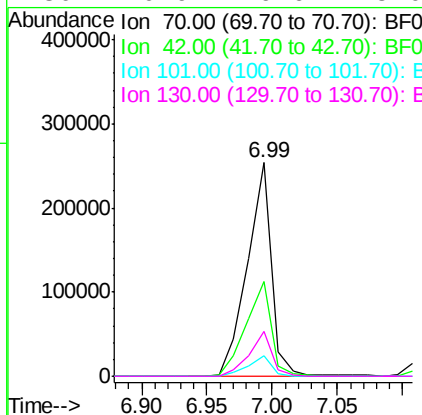
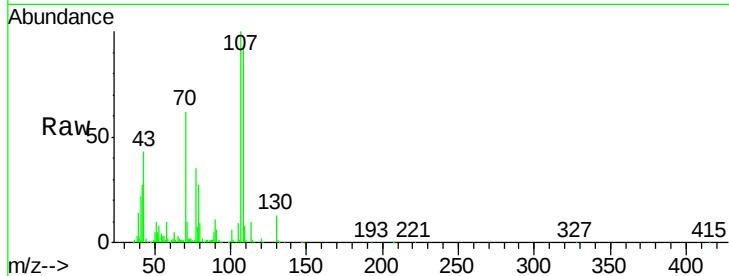
#19
n-Nitroso-di-n-propylamine
Concen: 39.62 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	44.1	35.1	52.7	
101	9.4	7.5	11.3	
130	20.9	16.6	25.0	

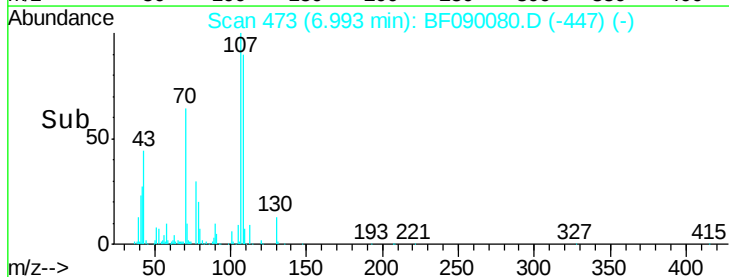
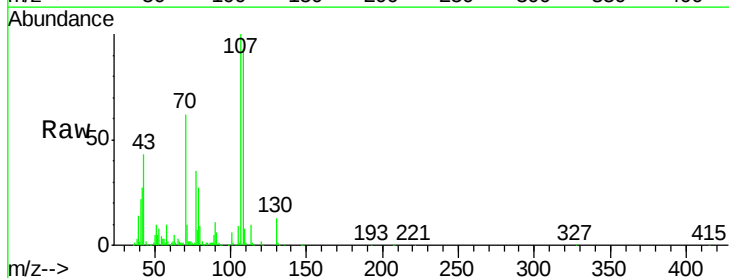
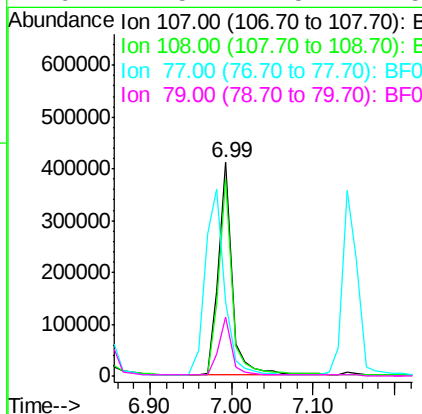
Manual Integrations
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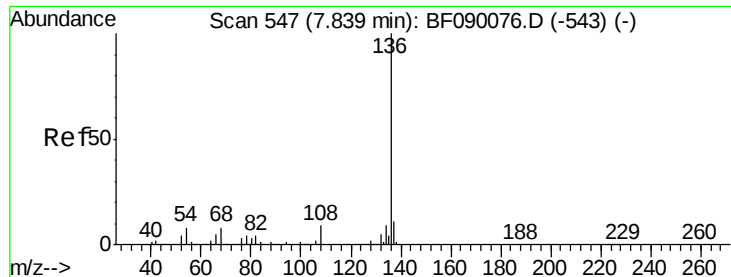
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#20
3+4-Methylphenols
Concen: 41.84 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	92.5	73.3	113.3	
77	34.6	14.1	54.1	
79	27.5	7.5	47.5	





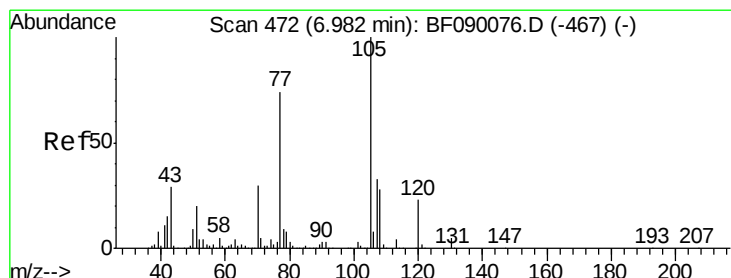
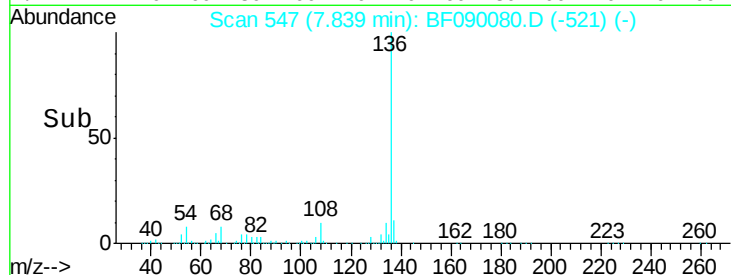
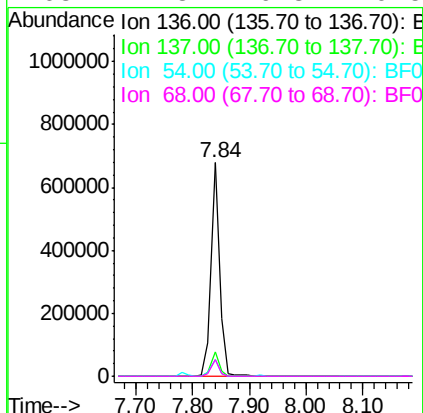
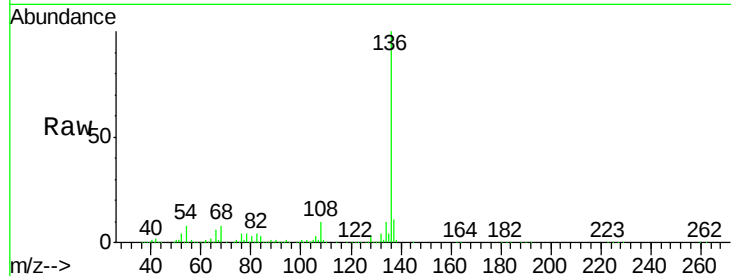
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	684190		
137	11.3	9.0	13.4	
54	8.0	6.4	9.6	
68	7.8	6.3	9.5	

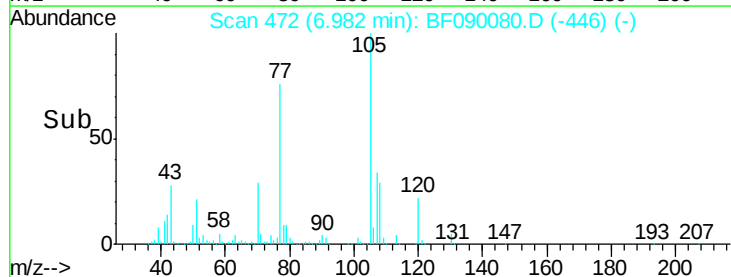
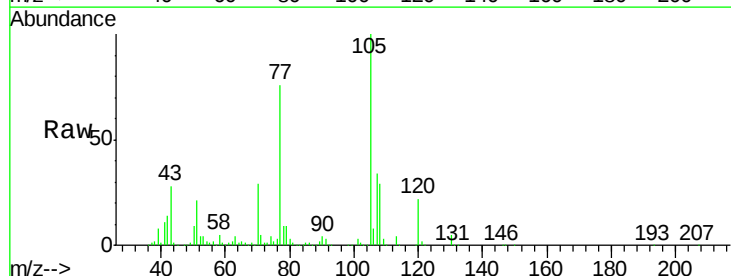
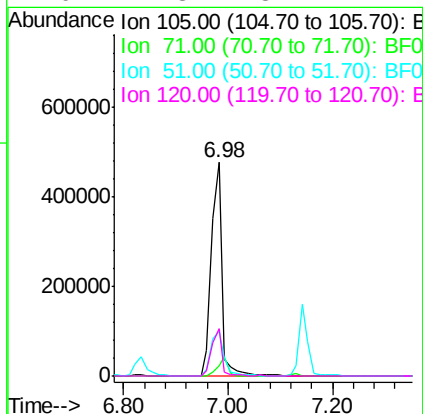
Manual Integrations
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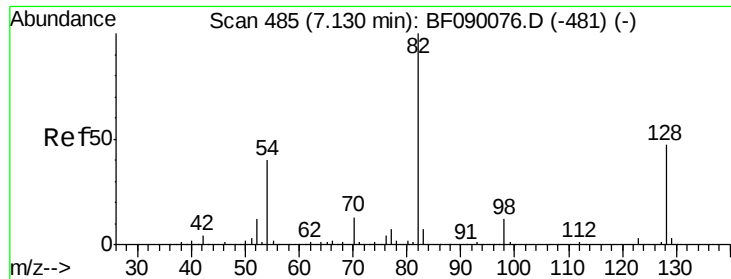
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#22
Acetophenone
Concen: 41.01 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679286		
71	4.9	4.1	6.1	
51	20.8	16.2	24.2	
120	22.3	18.2	27.2	





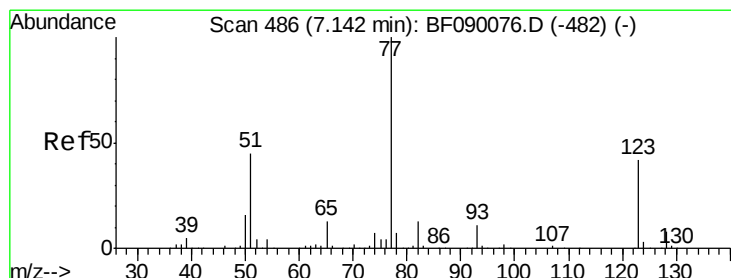
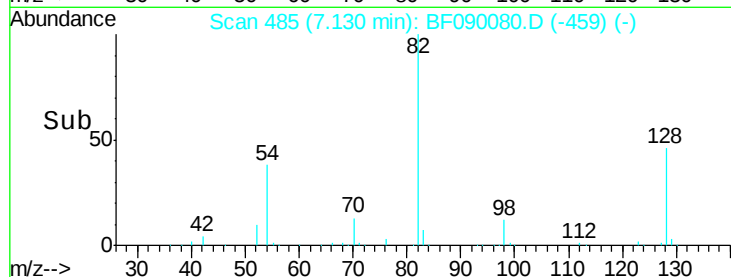
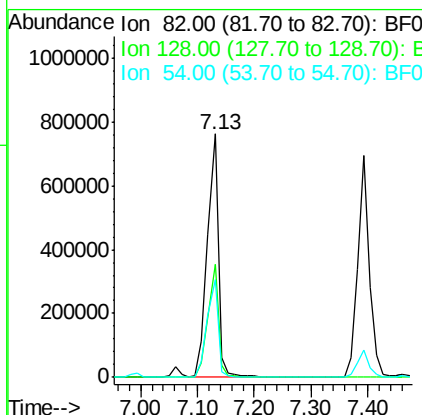
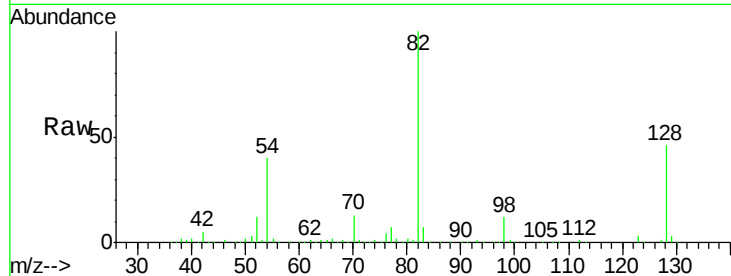
#23
 Nitrobenzene-d5
 Concen: 81.51 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	991893		
128	46.3	37.5	56.3	
54	40.1	31.9	47.9	

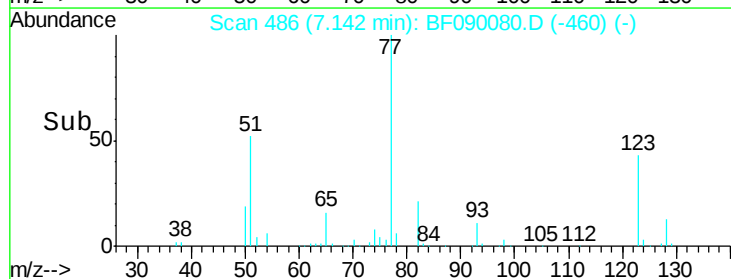
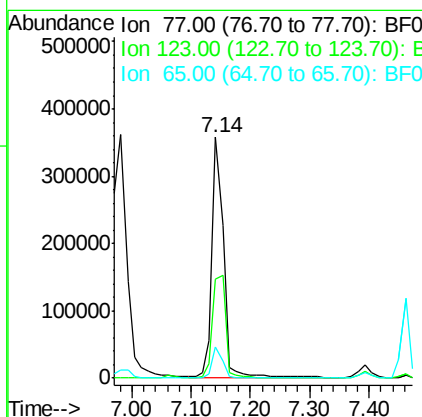
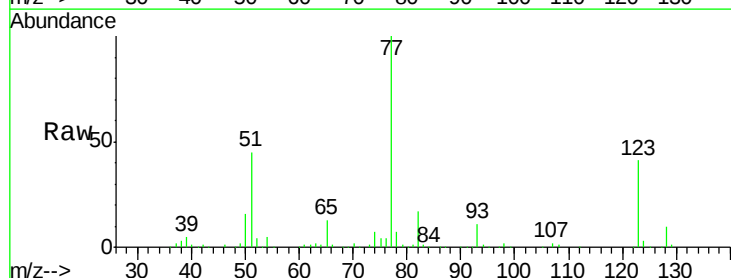
Manual Integrations
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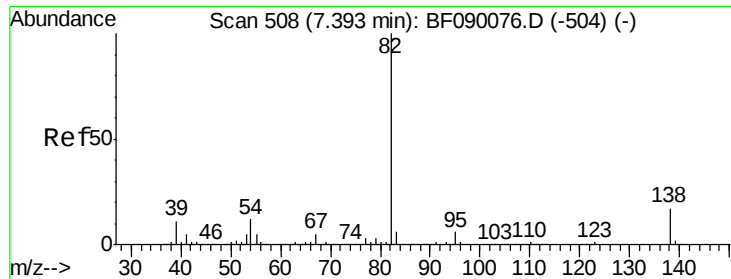
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#24
 Nitrobenzene
 Concen: 36.92 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	473231		
123	41.3	33.4	50.2	
65	12.8	10.1	15.1	





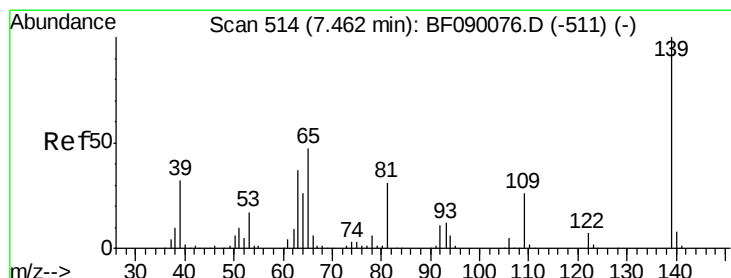
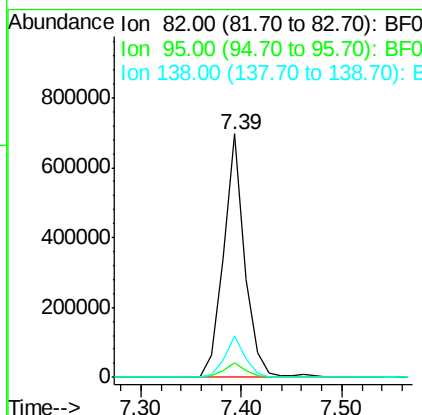
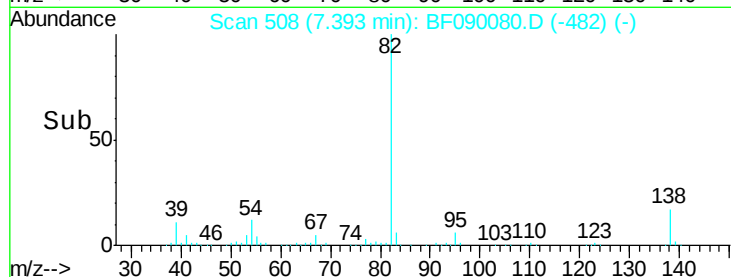
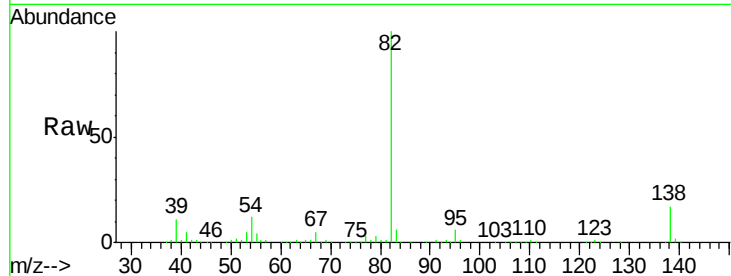
#25
Isophorone
Concen: 39.69 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion: 82 Resp: 1011284
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.8 13.5 20.3

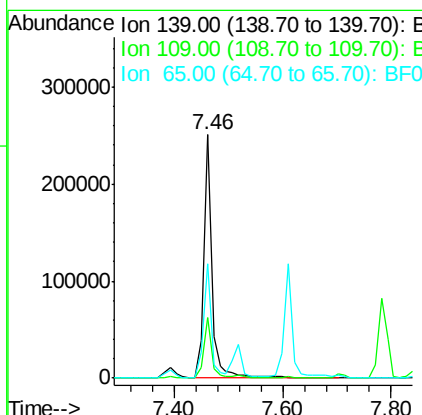
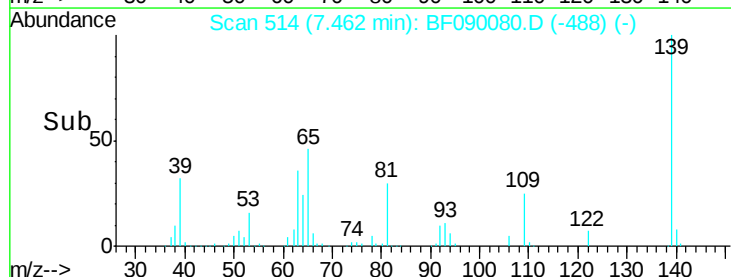
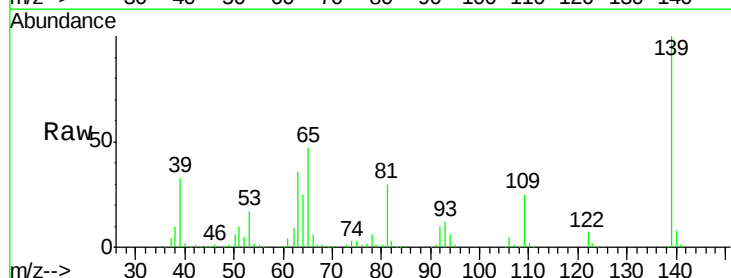
Manual Integrations
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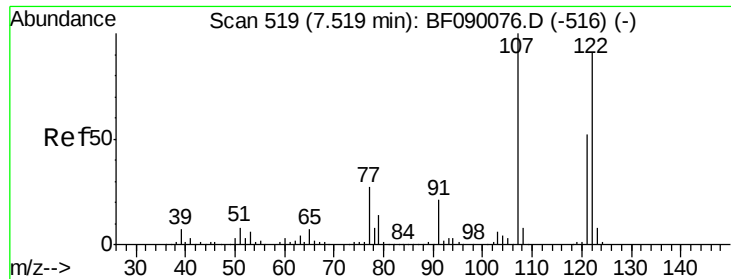
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#26
2-Nitrophenol
Concen: 41.84 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion: 139 Resp: 260024
Ion Ratio Lower Upper
139 100
109 24.9 20.5 30.7
65 47.0 37.9 56.9





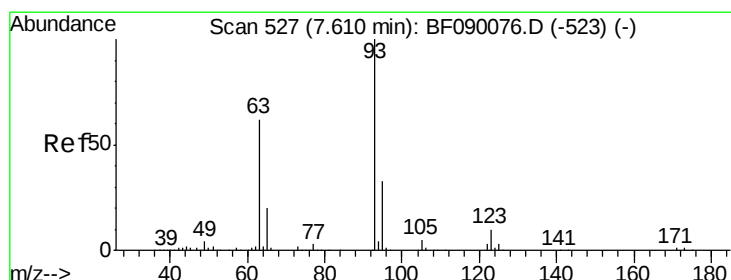
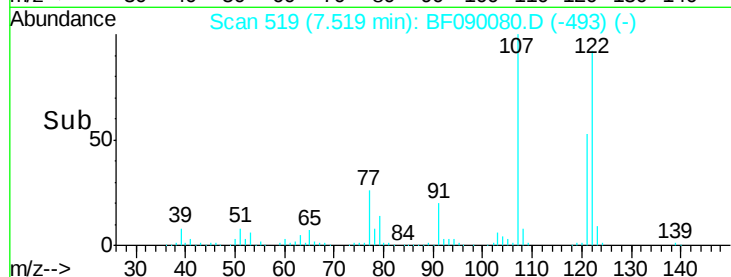
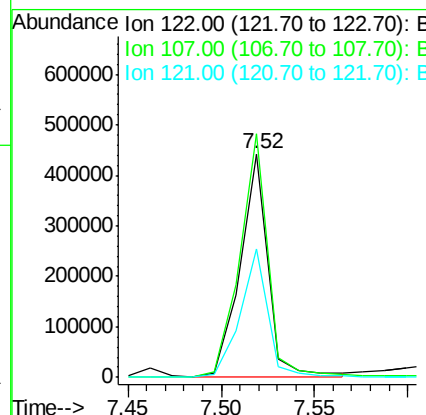
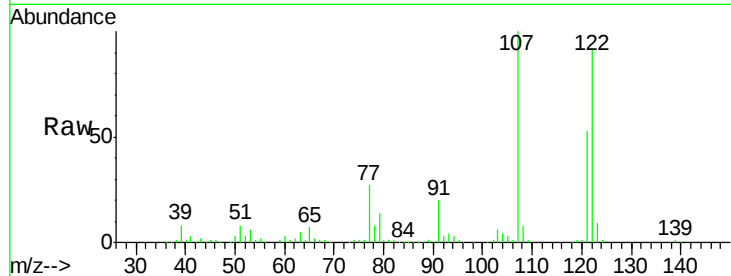
#27
2,4-Dimethylphenol
Concen: 42.33 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	462891		
107	108.9	87.8	131.6	
121	57.3	45.7	68.5	

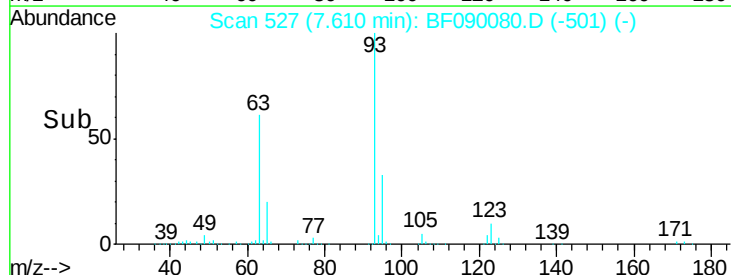
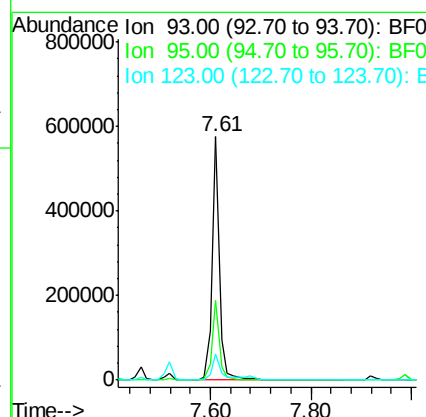
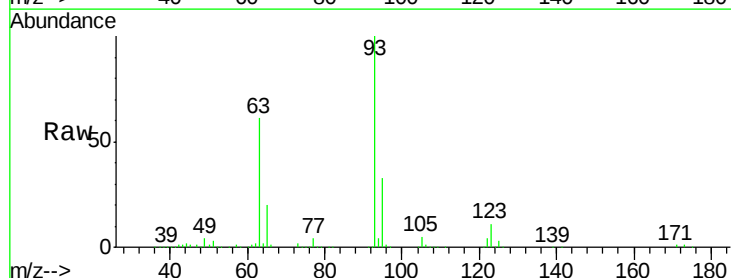
Manual Integrations
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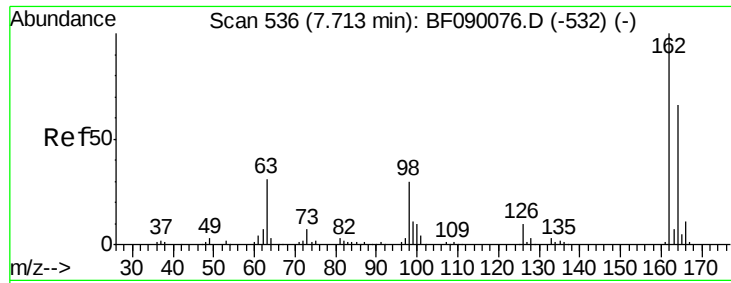
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#28
bis(2-Chloroethoxy)methane
Concen: 38.94 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	582029		
95	32.9	26.8	40.2	
123	10.5	8.5	12.7	





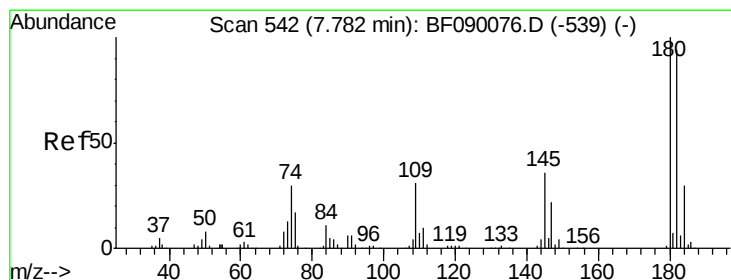
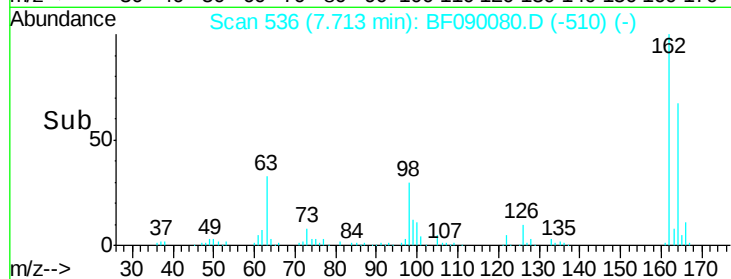
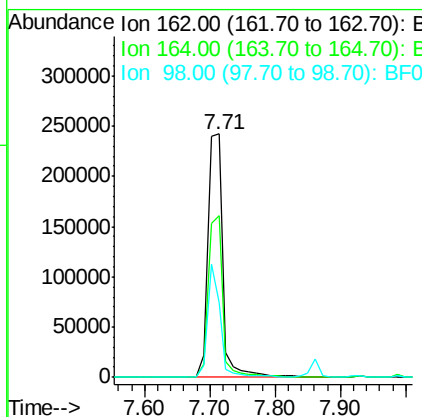
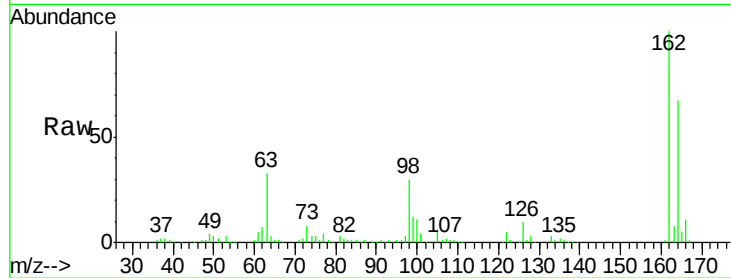
#29
 2,4-Dichlorophenol
 Concen: 40.26 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.5	46.2	86.2
98	30.5	10.4	50.4

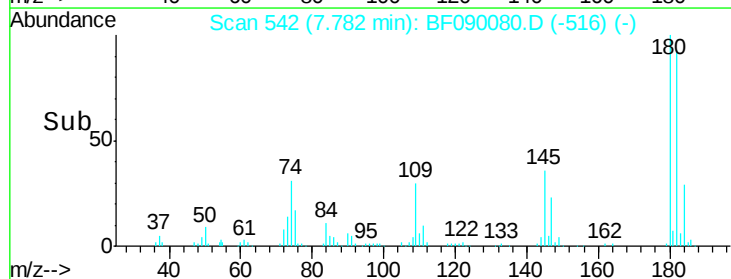
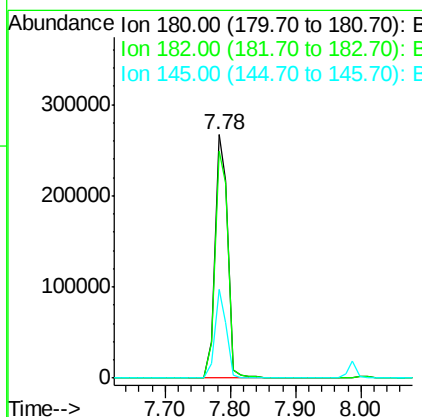
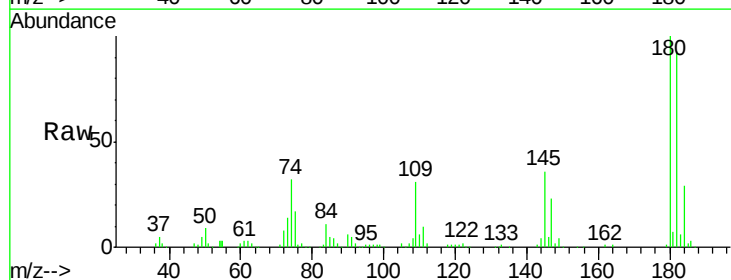
Manual Integrations
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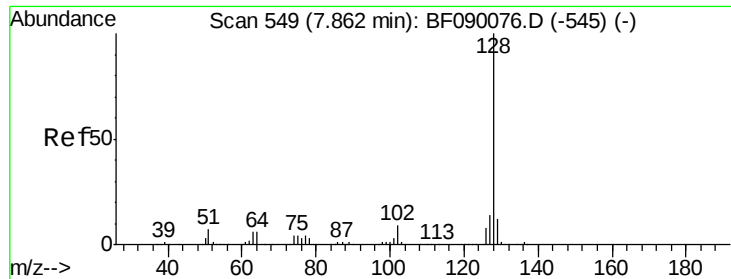
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.24 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	75.0	112.6
145	36.2	28.6	42.8





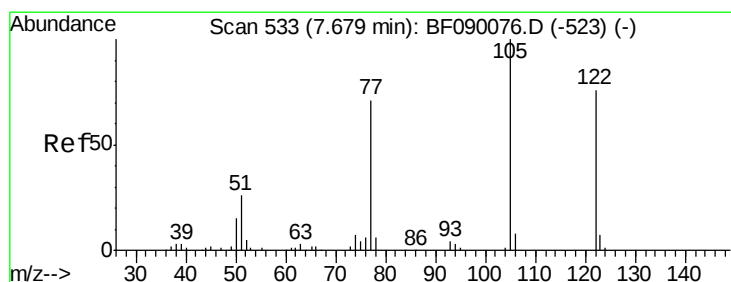
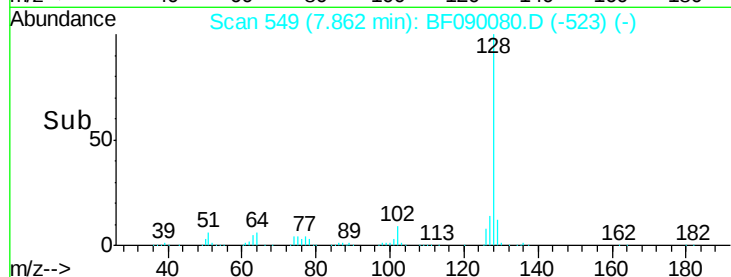
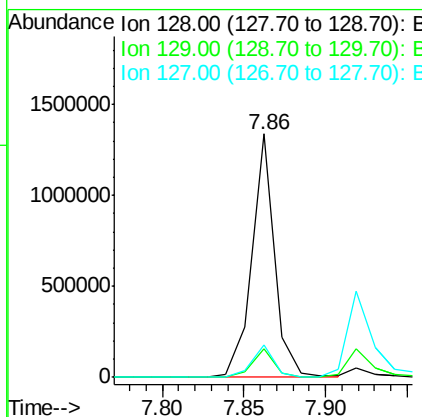
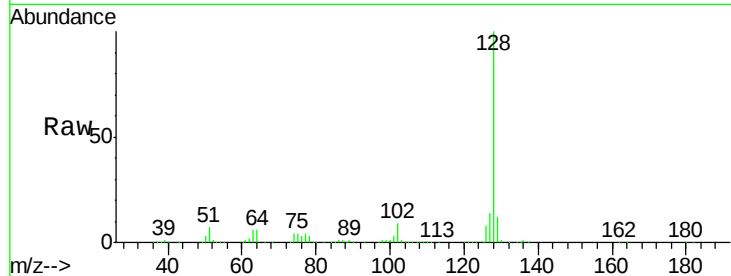
#31
Naphthalene
Concen: 38.70 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.5	10.8	16.2

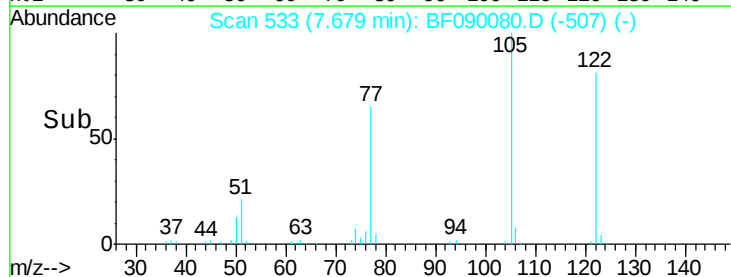
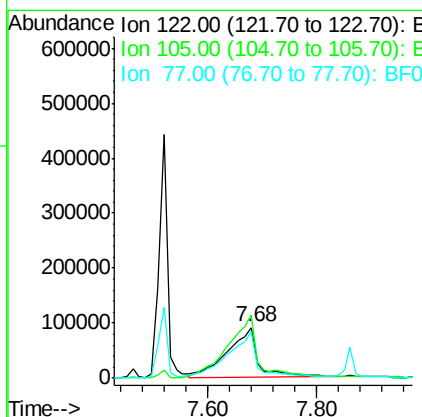
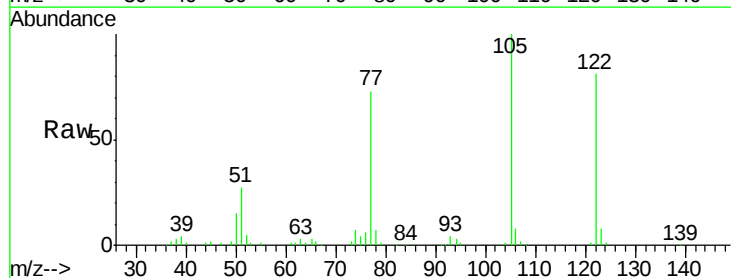
Manual Integrations
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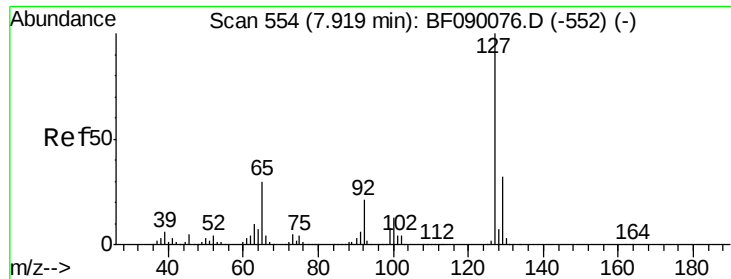
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#32
Benzoic acid
Concen: 39.70 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	105.0	145.0
77	90.8	70.4	110.4





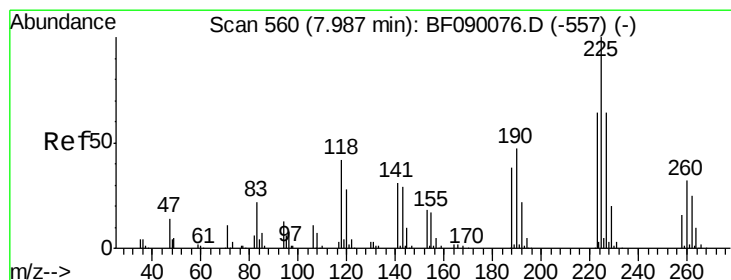
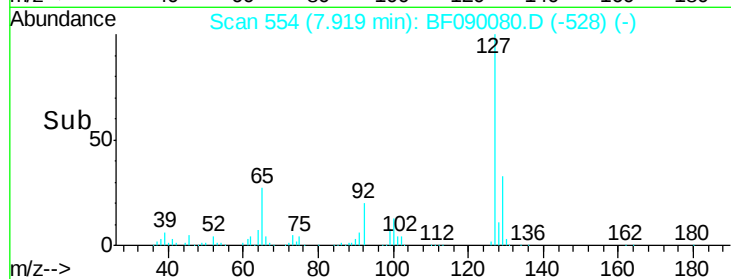
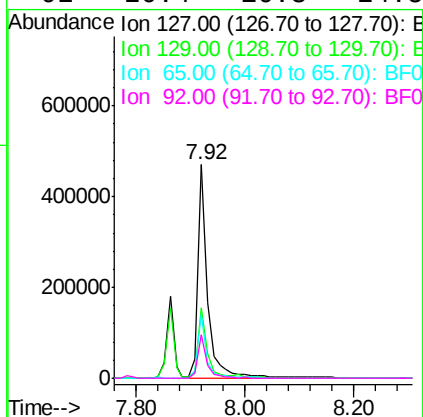
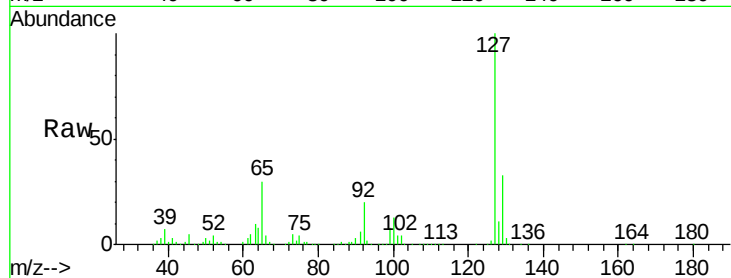
#33
4-Chloroaniline
Concen: 39.69 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	568104		
129	32.8	25.8	38.6	
65	30.2	24.1	36.1	
92	20.4	16.3	24.5	

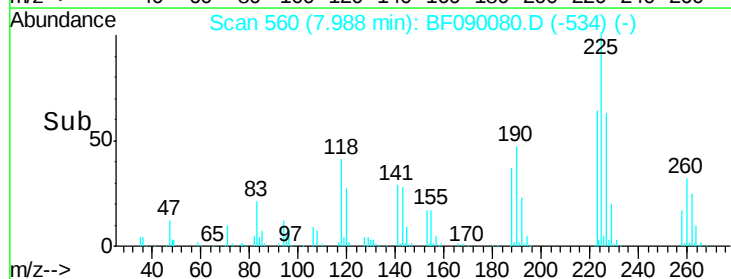
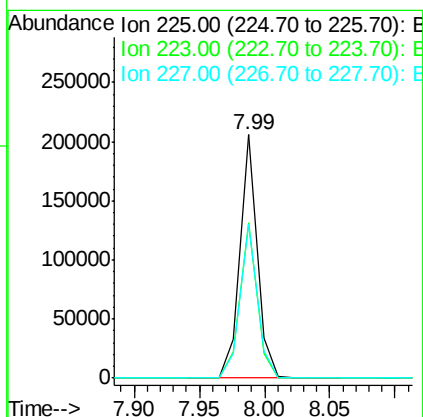
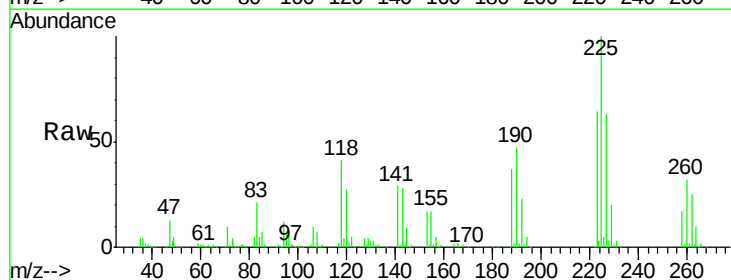
Manual Integrations
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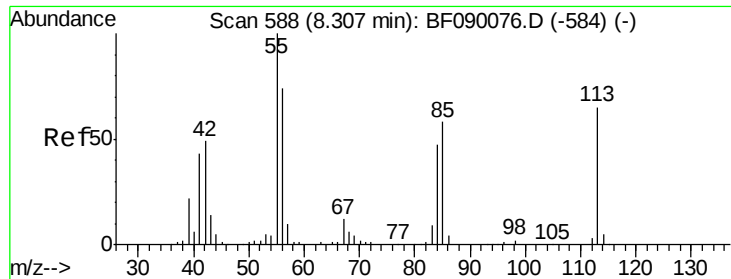
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#34
Hexachlorobutadiene
Concen: 38.82 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189408		
223	63.8	51.3	76.9	
227	63.3	51.4	77.0	





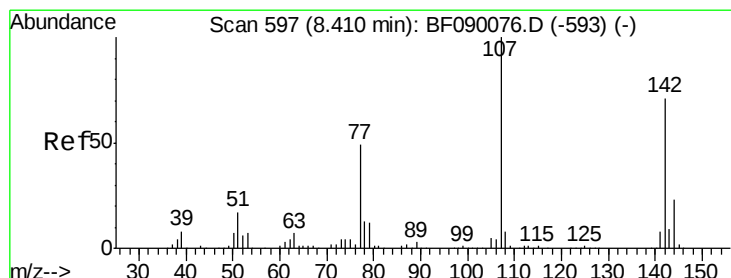
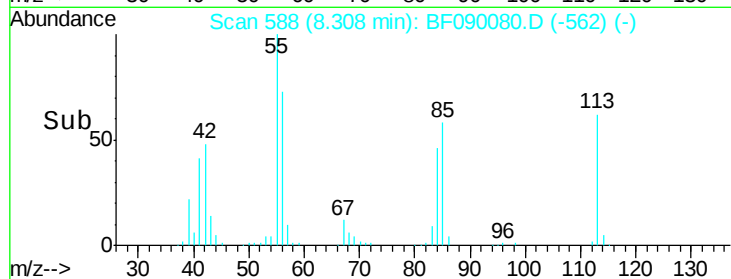
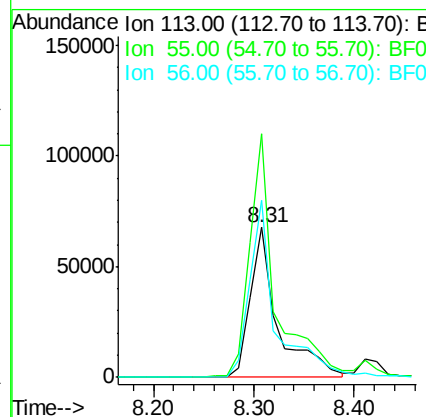
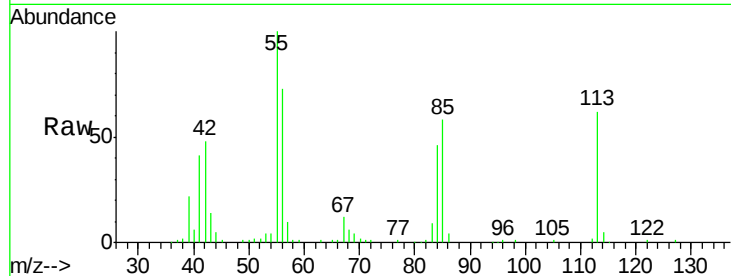
#35
 Caprolactam
 Concen: 39.92 ng
 RT: 8.31 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	128766		
55	162.6	134.5	174.5	
56	117.9	93.7	133.7	

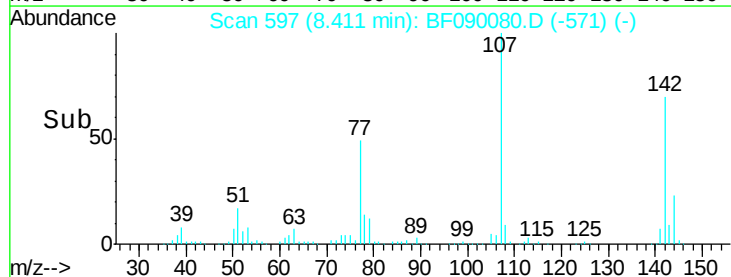
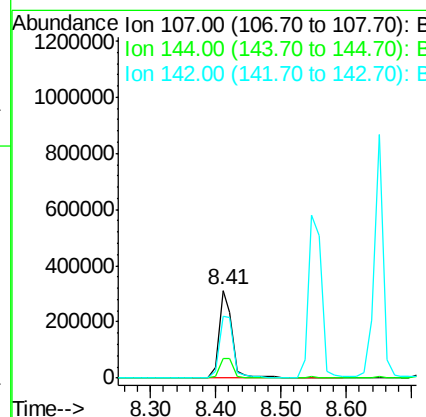
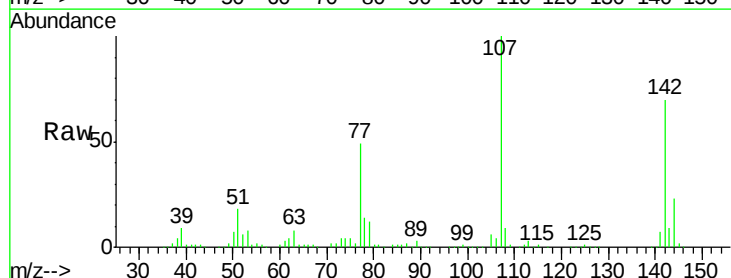
Manual Integrations
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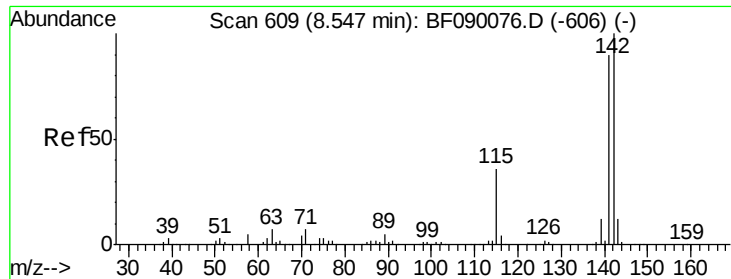
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#36
 4-Chloro-3-methylphenol
 Concen: 40.11 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	449766		
144	22.9	18.6	27.8	
142	70.3	57.0	85.6	





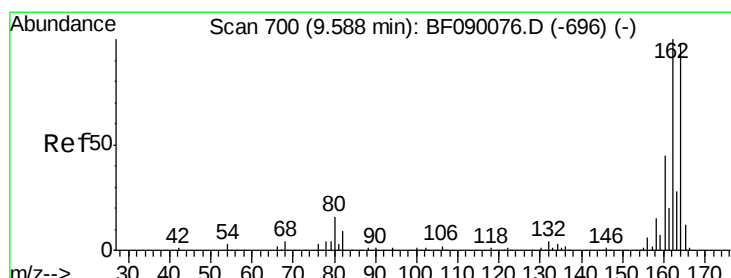
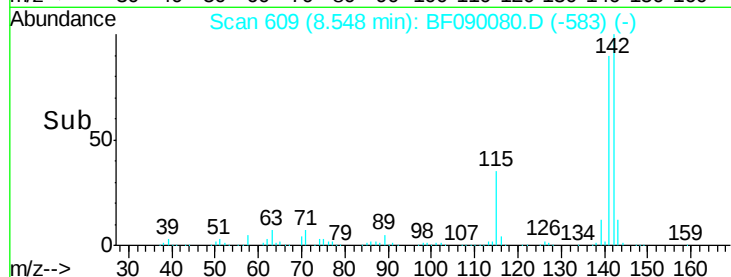
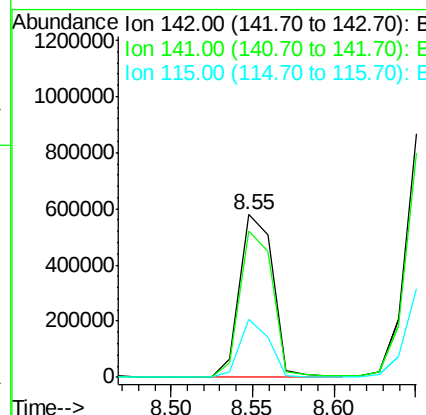
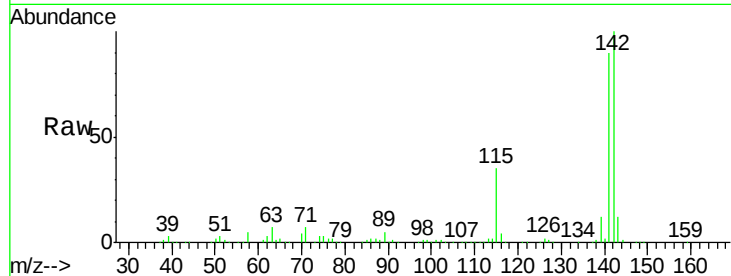
#37
2-Methylnaphthalene
Concen: 39.35 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	820830		
141	90.0	71.4	107.2	
115	35.5	28.3	42.5	

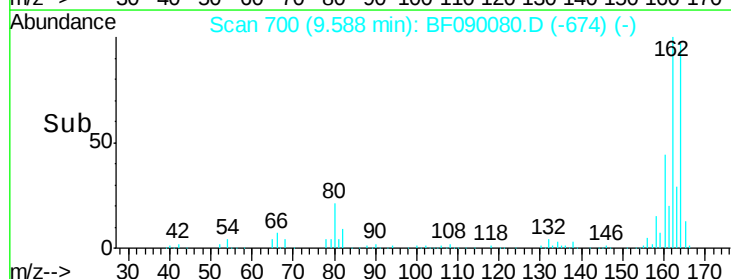
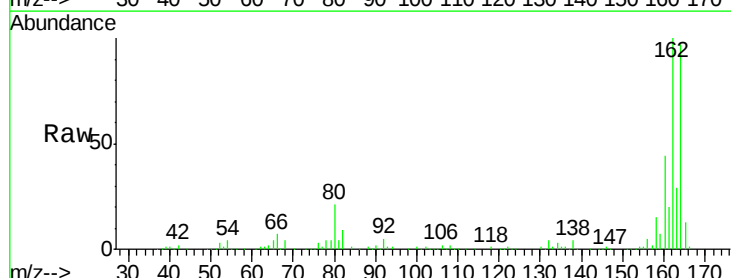
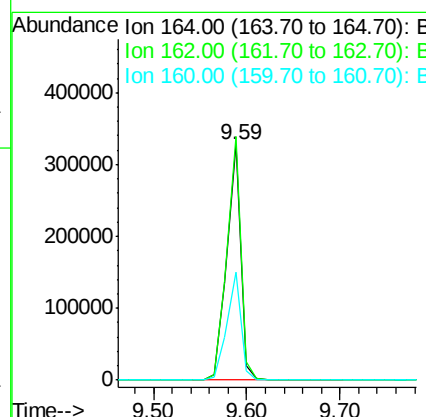
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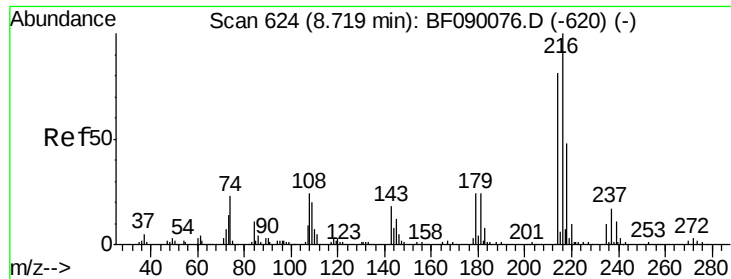
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	339526		
162	103.3	81.4	122.2	
160	45.7	36.6	54.8	





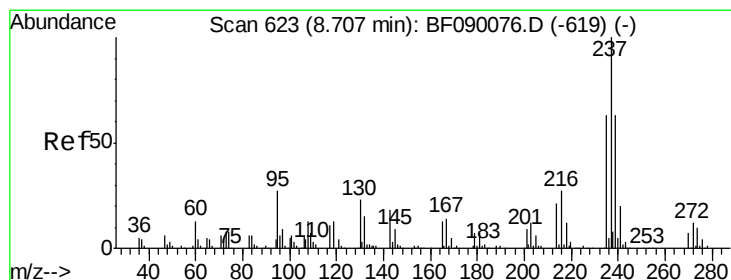
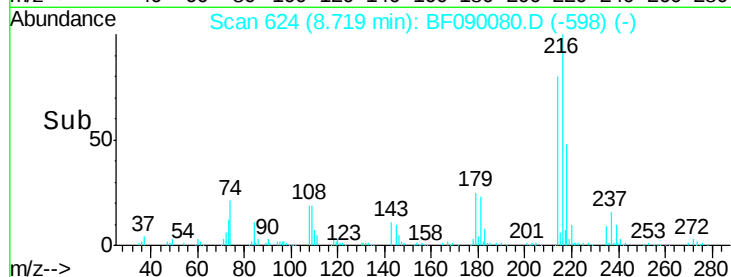
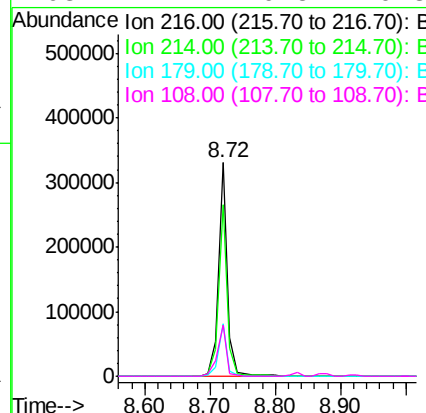
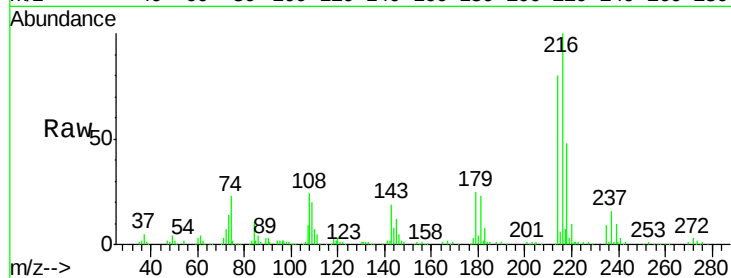
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.74 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	320720		
214	79.4	63.7	95.5	
179	23.3	18.5	27.7	
108	24.7	19.5	29.3	

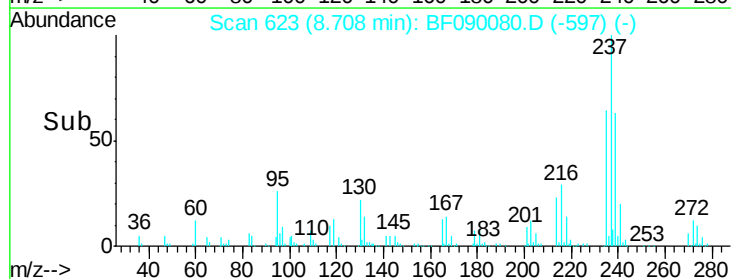
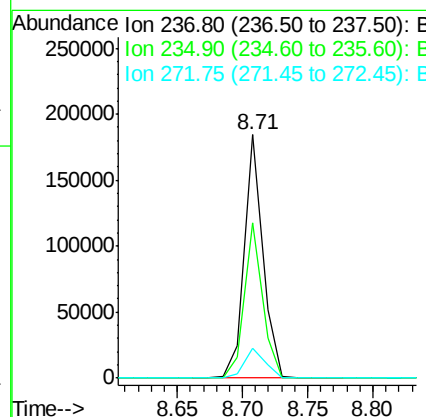
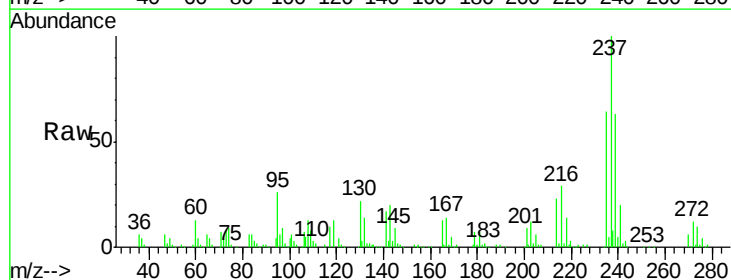
Manual Integrations
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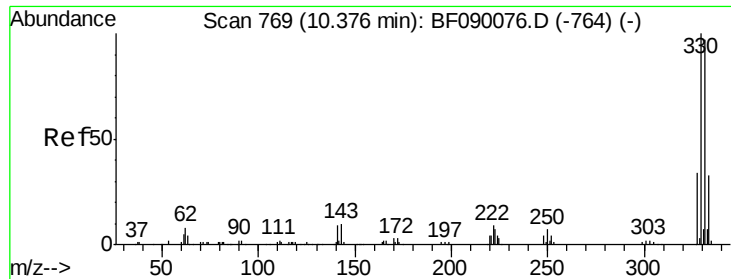
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#40
 Hexachlorocyclopentadiene
 Concen: 39.87 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	180881		
235	63.8	42.5	82.5	
272	12.3	0.0	32.0	





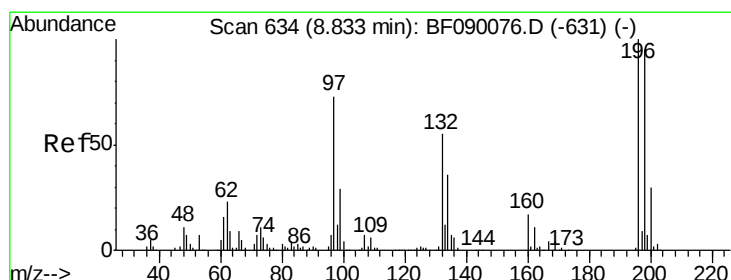
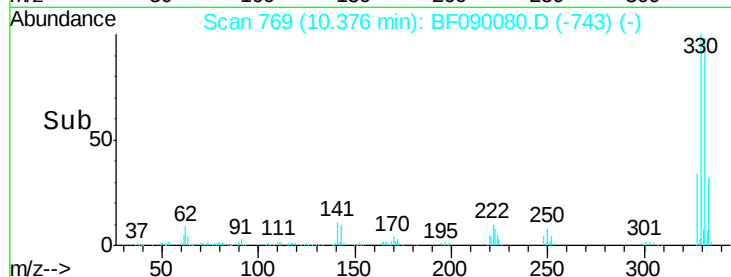
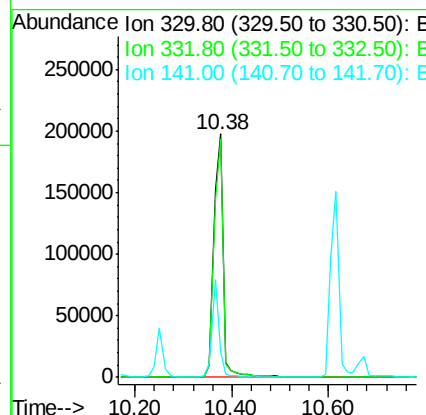
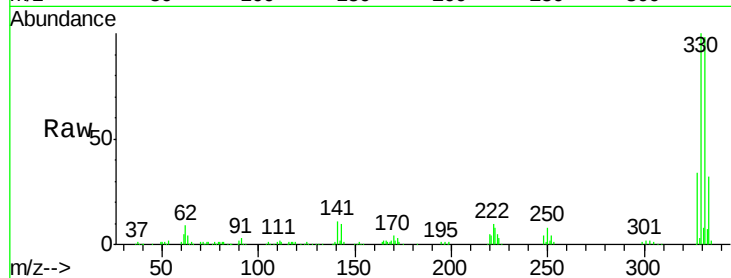
#41
 2,4,6-Tribromophenol
 Concen: 79.87 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampled :
 ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	272381		
332	95.1	78.1	117.1	
141	30.0	23.9	35.9	

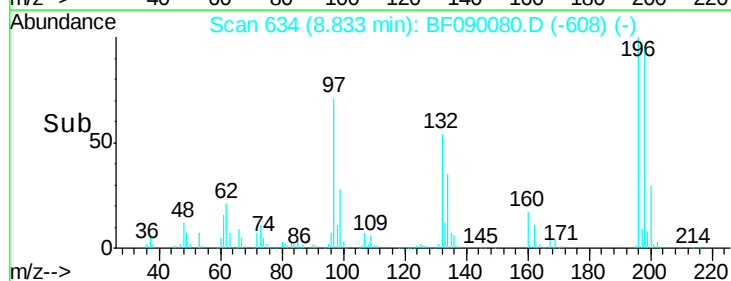
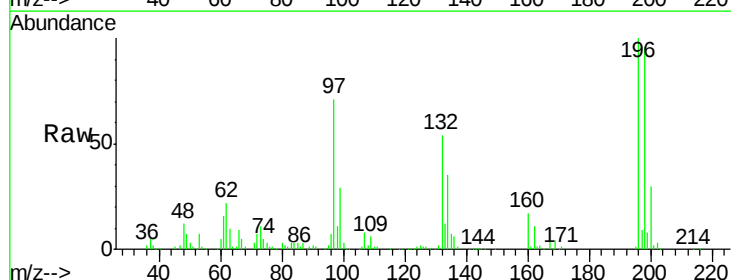
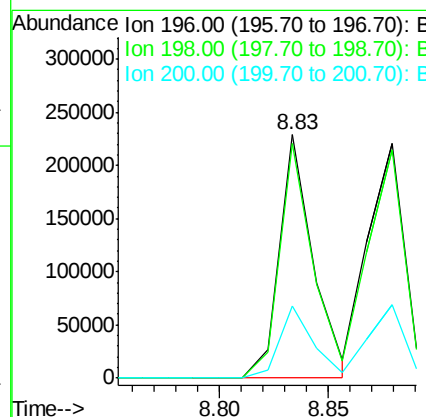
Manual Integrations
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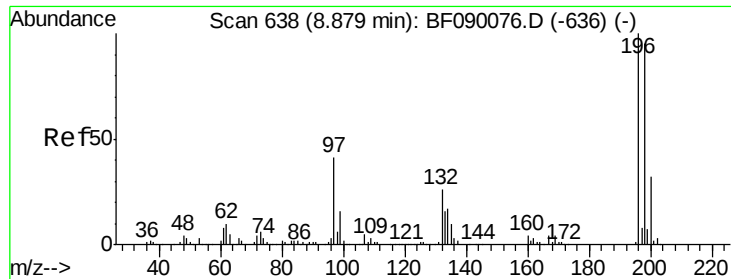
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#42
 2,4,6-Trichlorophenol
 Concen: 39.39 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249262		
198	96.2	76.3	114.5	
200	29.9	24.1	36.1	





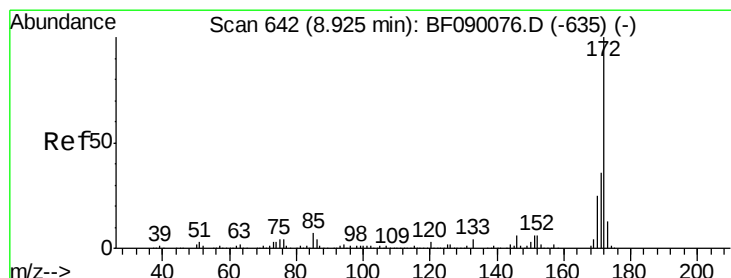
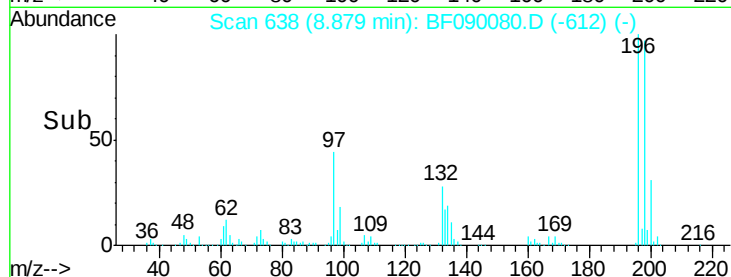
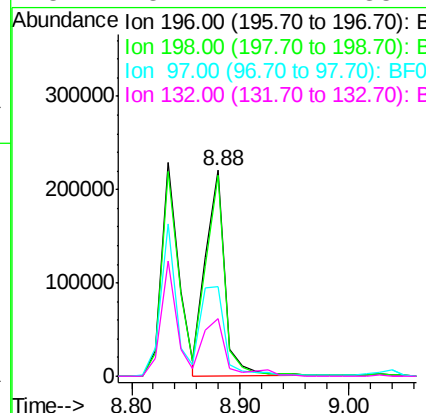
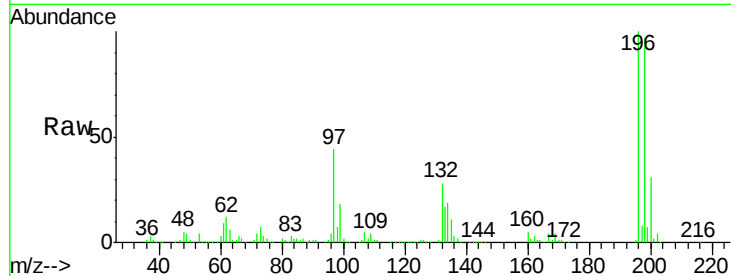
#43
 2,4,5-Trichlorophenol
 Concen: 40.06 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion:	196	Resp:	272659
Ion Ratio	Lower	Upper	
196	100		
198	97.5	76.6	114.8
97	43.6	34.4	51.6
132	28.2	22.2	33.2

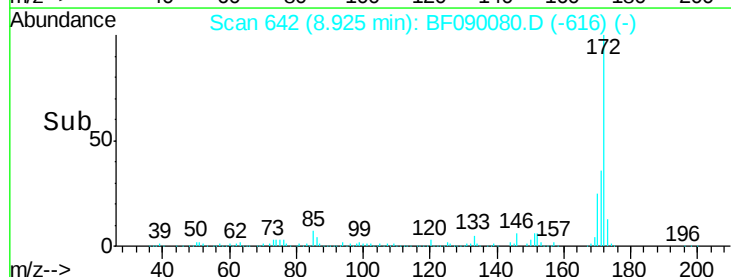
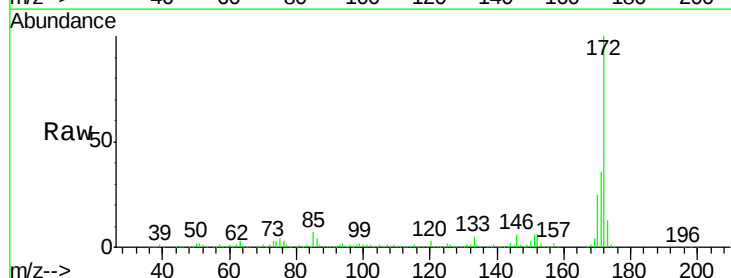
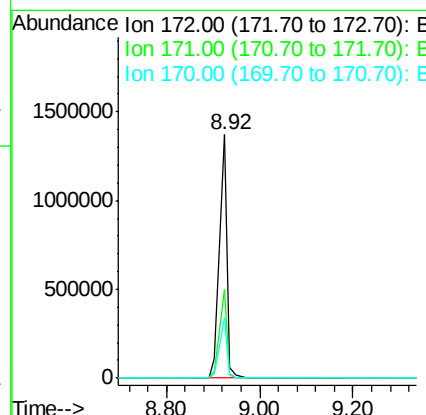
Manual Integrations
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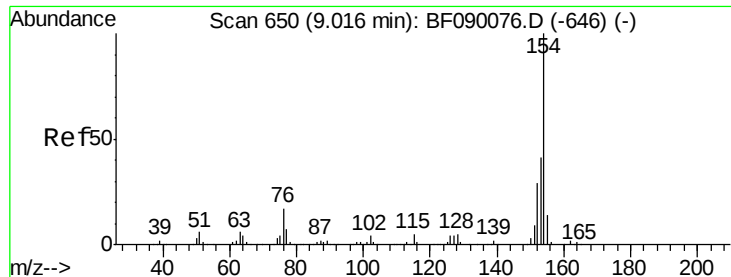
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#44
 2-Fluorobiphenyl
 Concen: 74.00 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:	172	Resp:	1599789
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.2	43.8
170	25.0	19.8	29.8





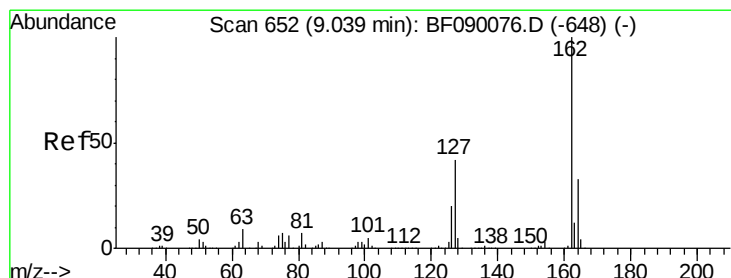
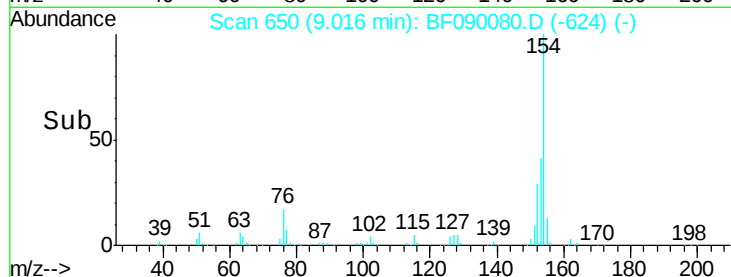
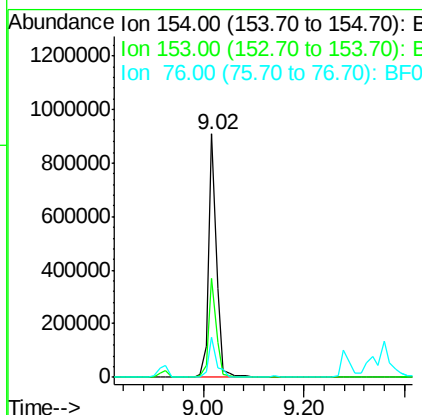
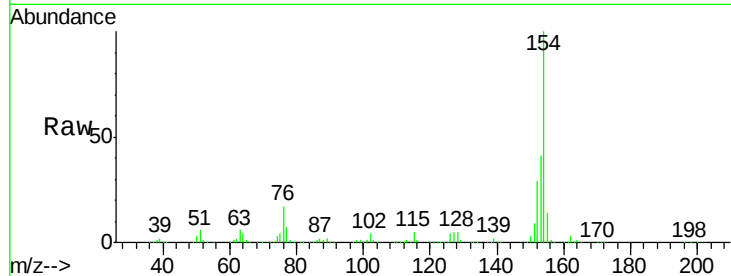
#45
 1,1'-Biphenyl
 Concen: 35.68 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion:	154	Resp:	991343
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	16.6	0.0	36.7

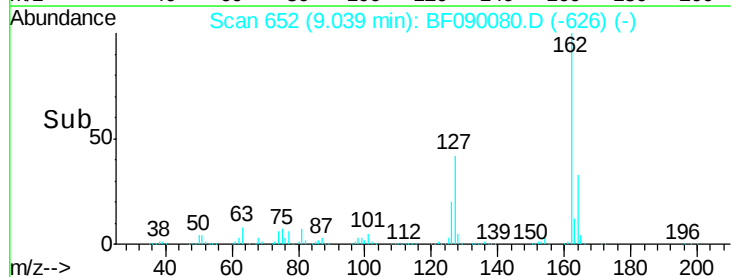
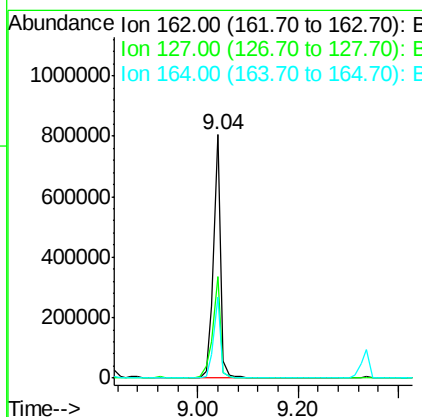
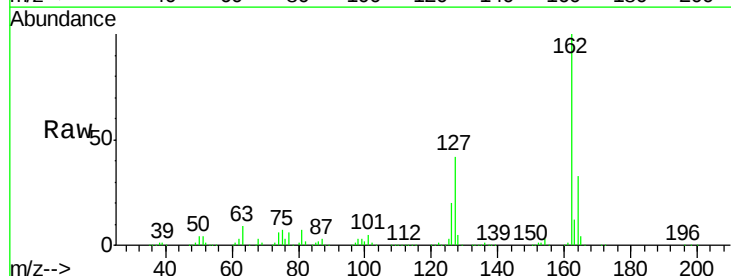
Manual Integrations
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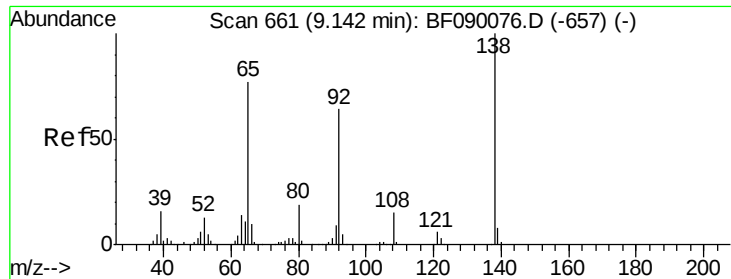
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#46
 2-Chloronaphthalene
 Concen: 38.75 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:	162	Resp:	797825
Ion Ratio	Lower	Upper	
162	100		
127	41.9	34.0	51.0
164	33.1	26.8	40.2





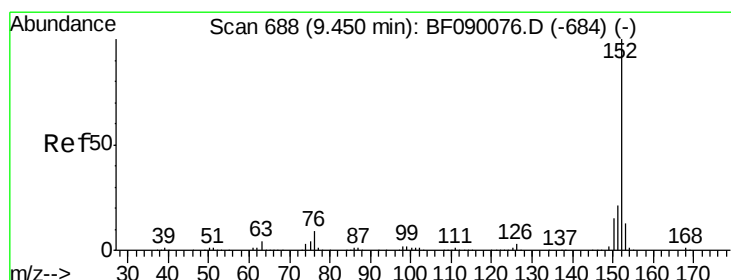
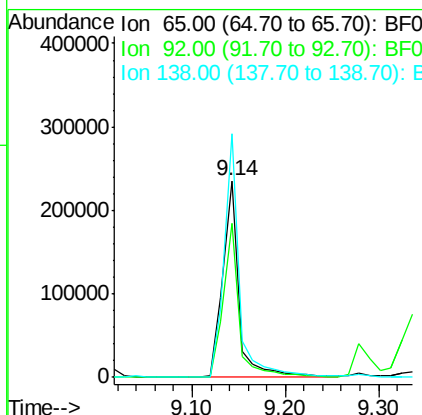
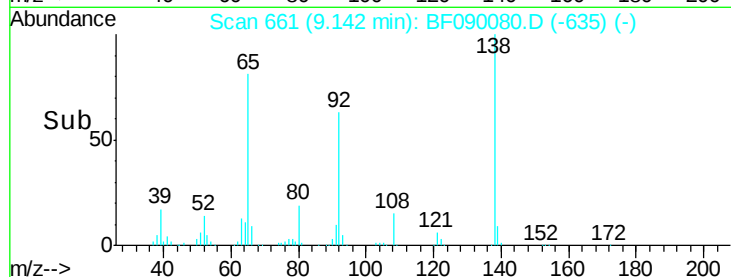
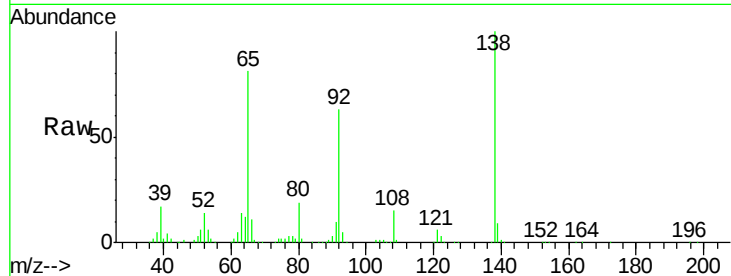
#47
 2-Nitroaniline
 Concen: 43.51 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	285948		
92	78.6	66.1	99.1	
138	123.9	104.1	156.1	

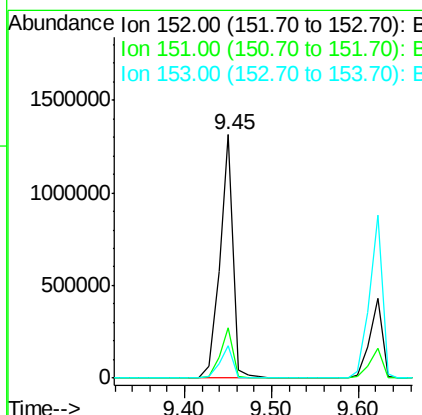
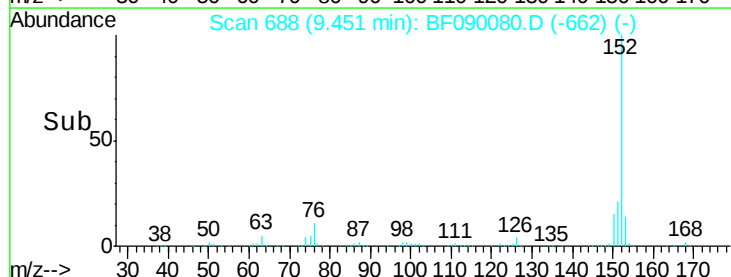
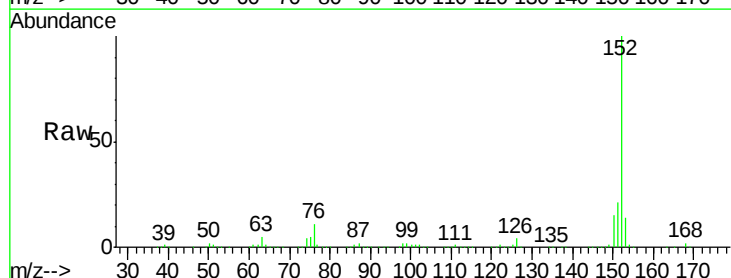
Manual Integrations
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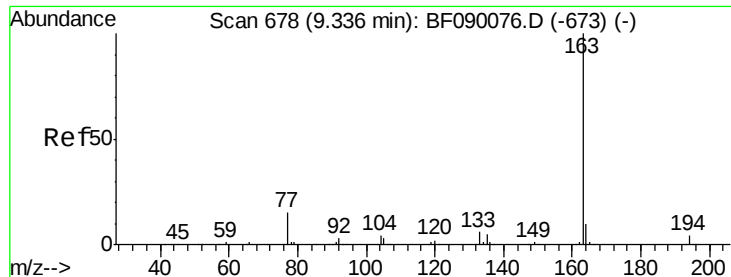
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#48
 Acenaphthylene
 Concen: 40.19 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1389652		
151	20.8	16.5	24.7	
153	13.6	10.6	15.8	





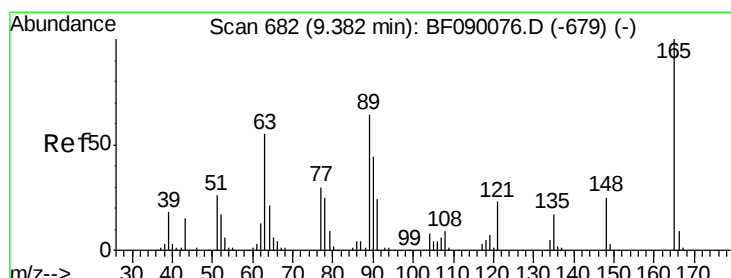
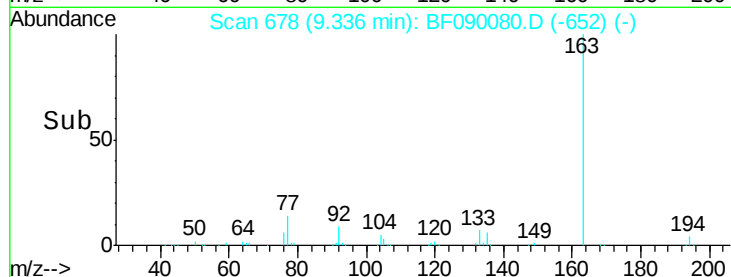
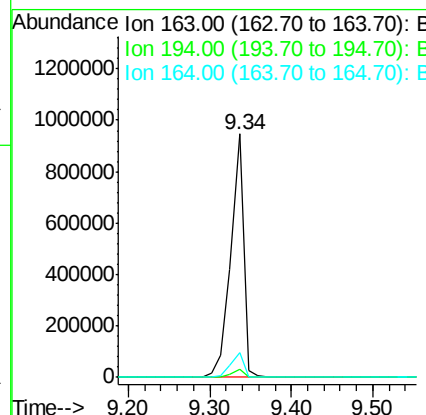
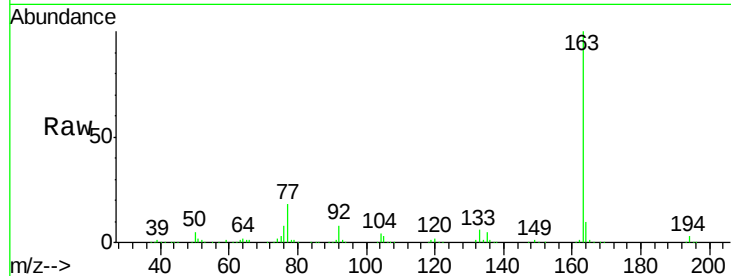
#49
Dimethylphthalate
Concen: 41.20 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion:163 Resp: 1039104
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.0 8.1 12.1

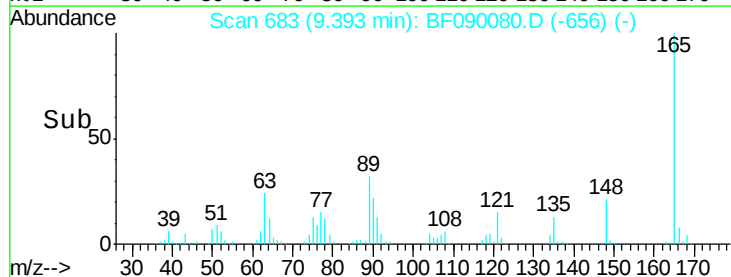
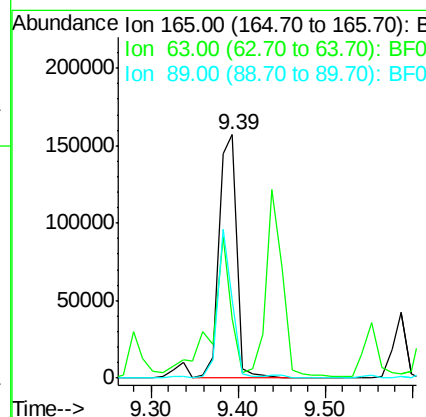
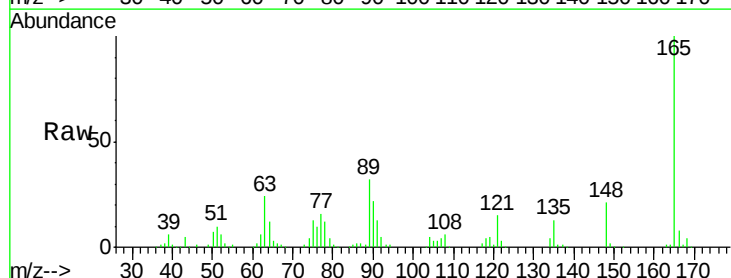
Manual Integrations
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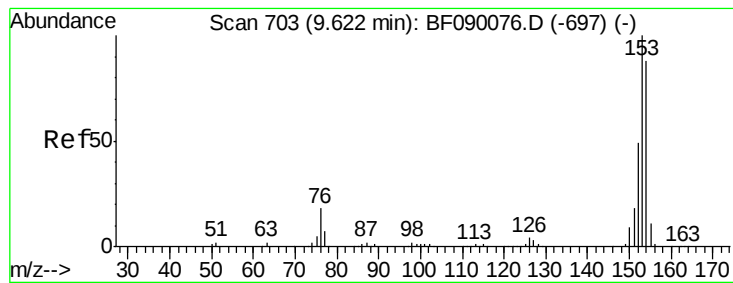
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#50
2,6-Dinitrotoluene
Concen: 40.21 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:165 Resp: 226610
Ion Ratio Lower Upper
165 100
63 24.2 49.9 74.9#
89 32.1 51.0 76.4#





#51

Acenaphthene

Concen: 41.01 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

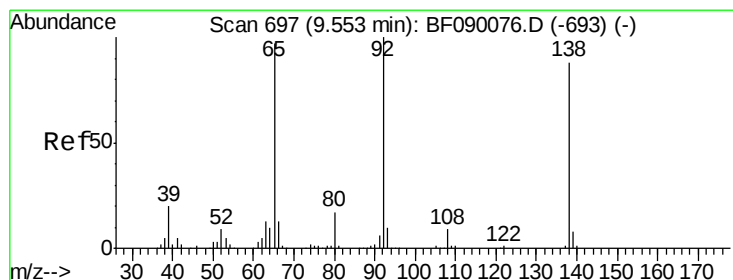
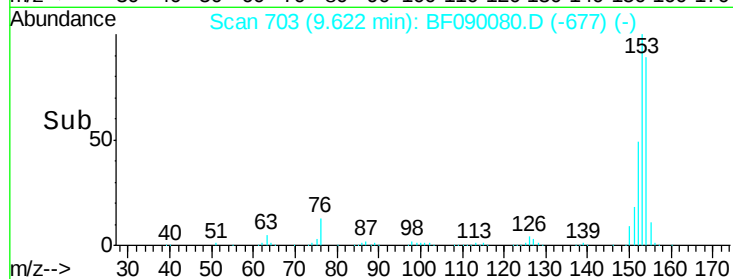
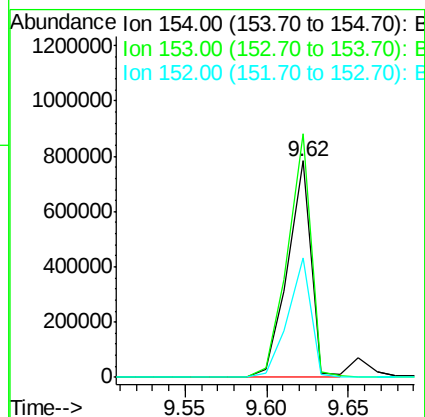
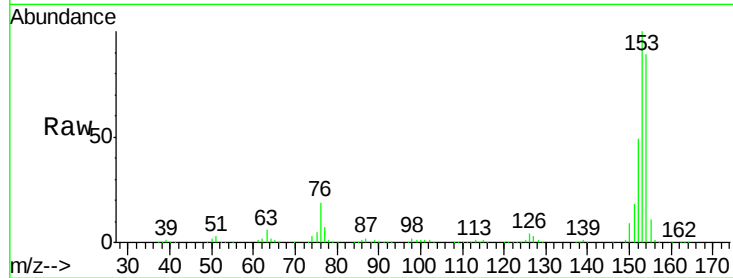
ClientSampleId :

ICVBF091516

Tgt Ion:	154	Resp:	791976
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.8	136.2
152	55.1	44.2	66.4

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#52

3-Nitroaniline

Concen: 40.58 ng

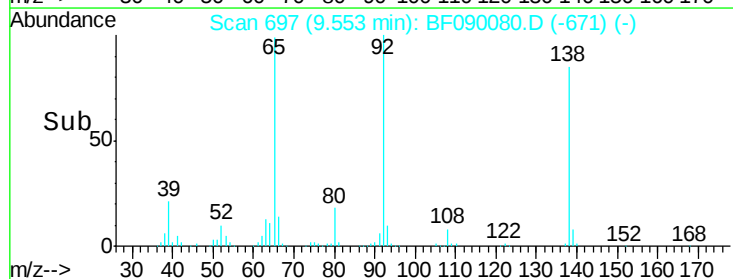
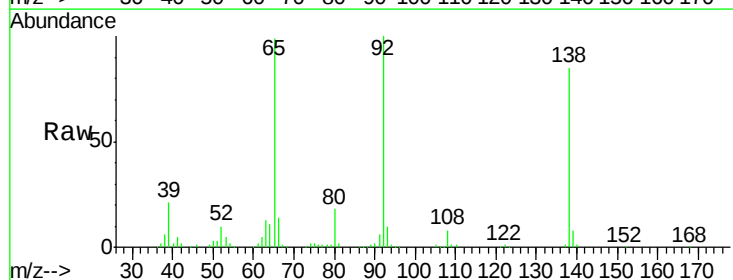
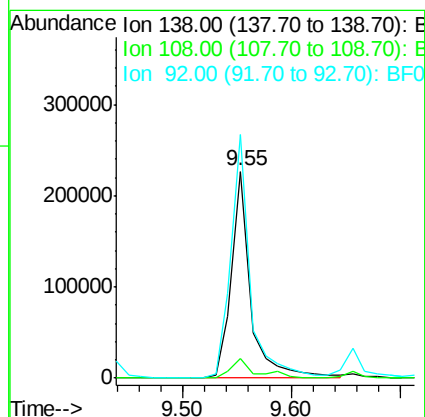
RT: 9.55 min Scan# 697

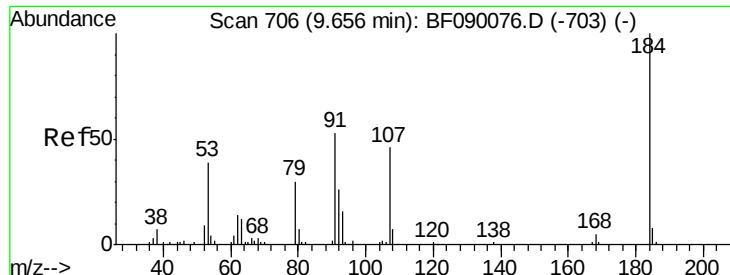
Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	138	Resp:	278244
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	117.7	90.7	136.1





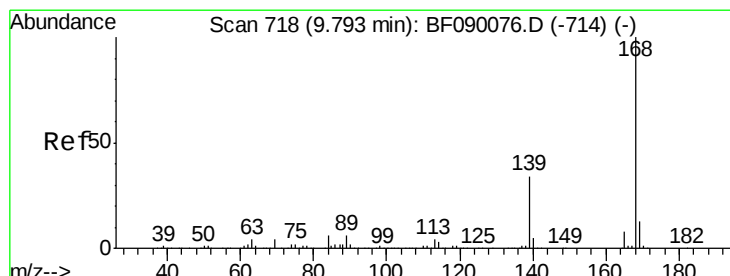
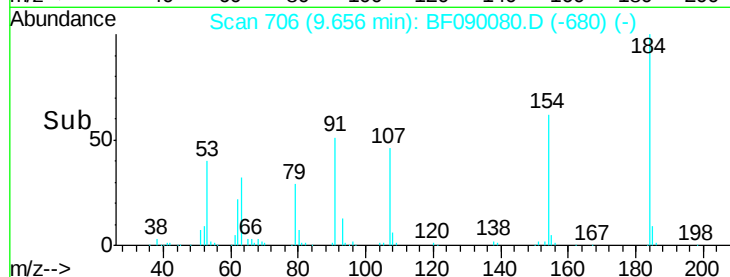
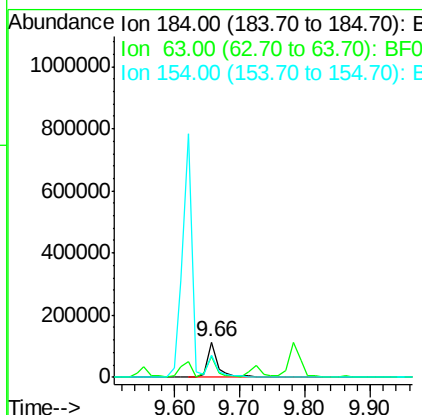
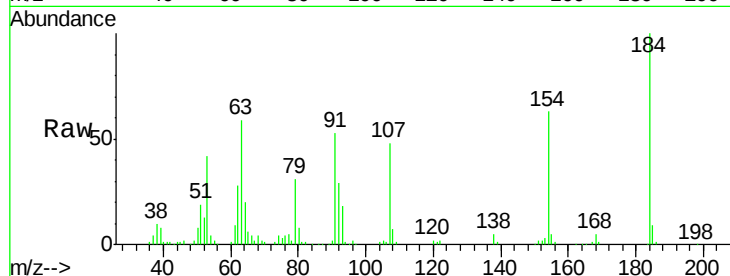
#53
2,4-Dinitrophenol
Concen: 42.32 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampled :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	129660		
63	58.8	44.6	67.0	
154	62.7	49.7	74.5	

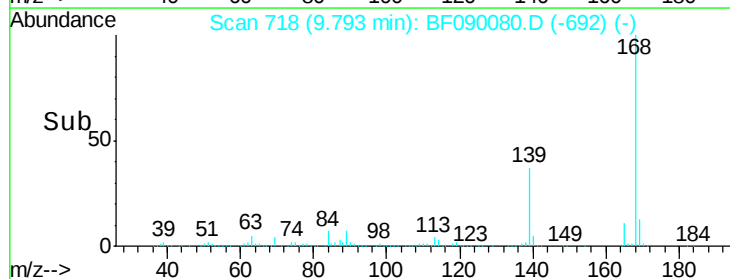
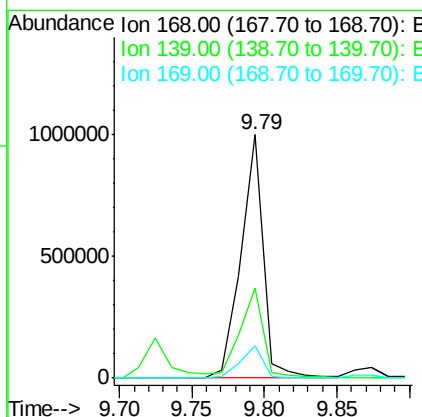
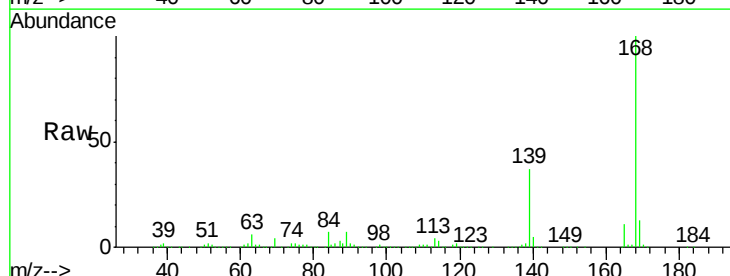
Manual Integrations
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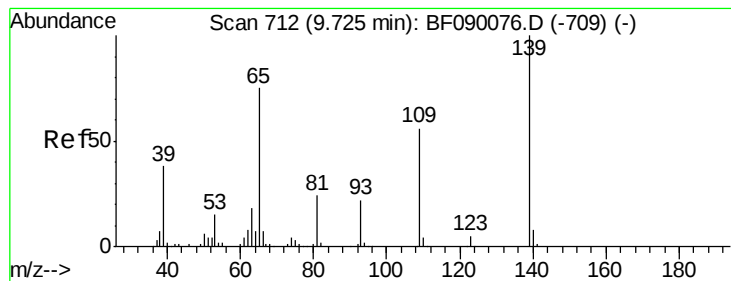
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#54
Dibenzofuran
Concen: 40.18 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1072982		
139	37.0	28.8	43.2	
169	13.4	10.7	16.1	





#55

4-Nitrophenol

Concen: 41.06 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

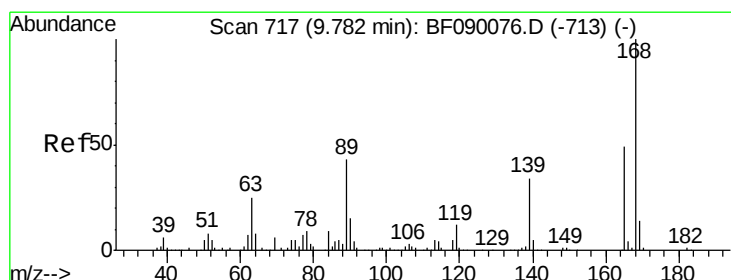
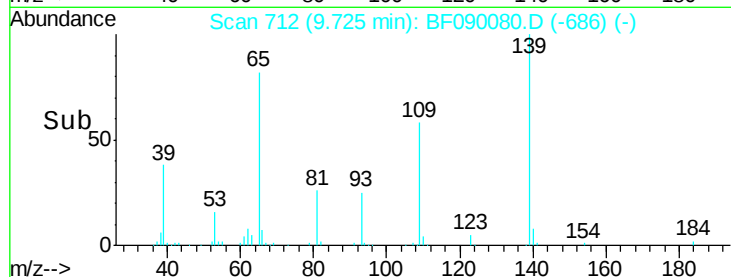
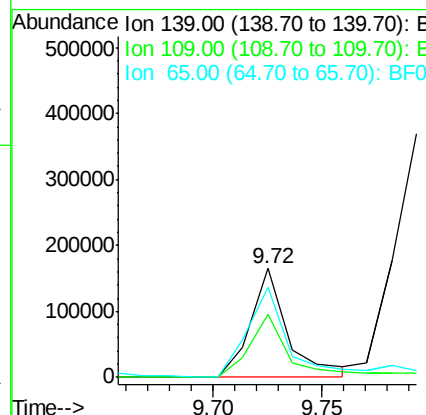
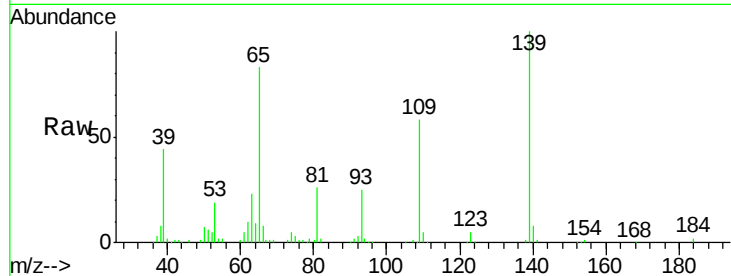
ClientSampleId :

ICVBF091516

Tgt Ion:	139	Resp:	198104
Ion Ratio	Lower	Upper	
139	100		
109	58.3	35.6	75.6
65	82.9	55.5	95.5

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#56

2,4-Dinitrotoluene

Concen: 36.19 ng

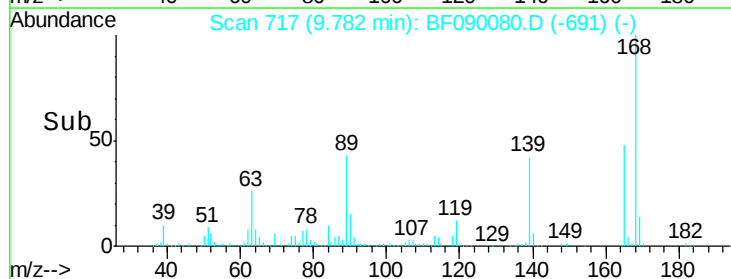
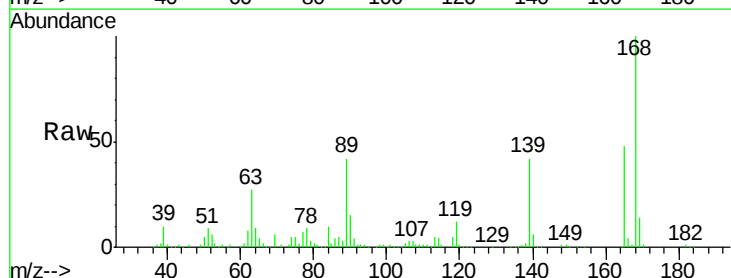
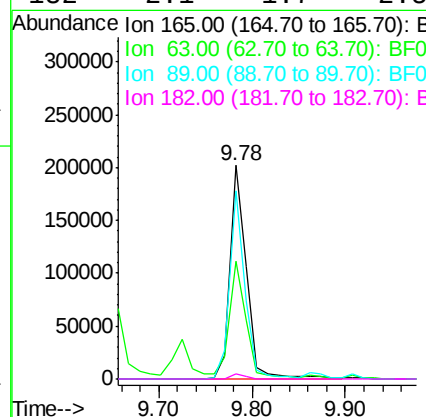
RT: 9.78 min Scan# 717

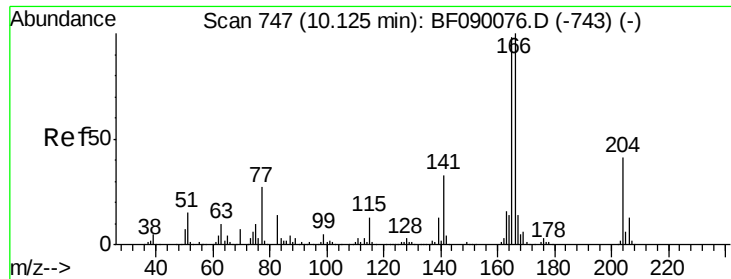
Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	165	Resp:	248615
Ion Ratio	Lower	Upper	
165	100		
63	55.4	44.4	66.6
89	88.0	70.1	105.1
182	2.1	1.7	2.5





#57

Fluorene

Concen: 38.40 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

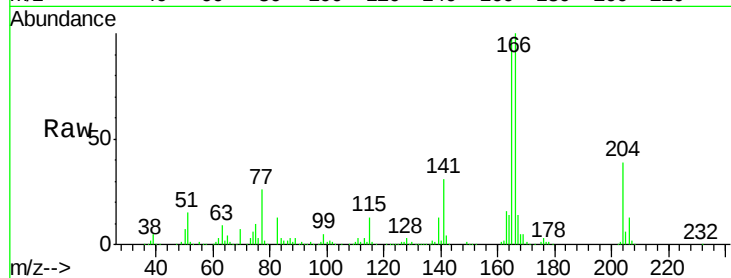
ClientSampleId :

ICVBF091516

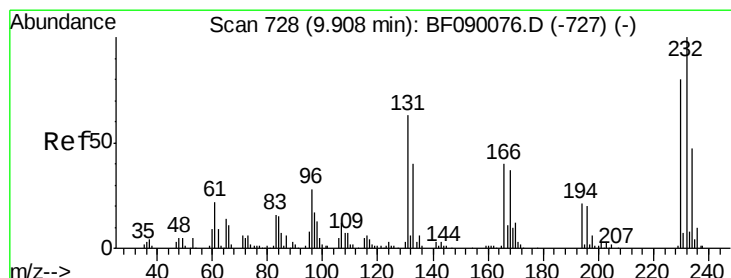
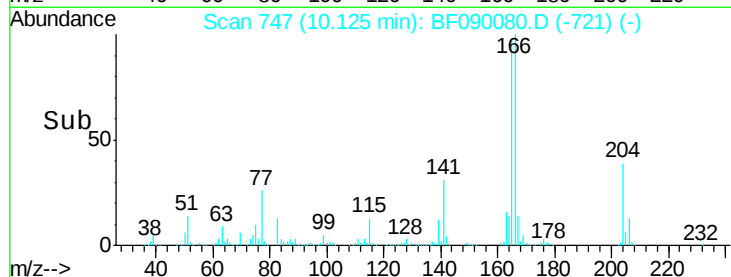
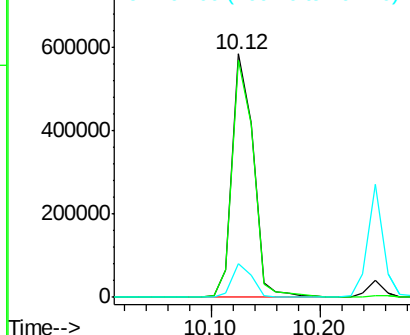
Tgt Ion:	166	Resp:	782771
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.5	117.7
167	13.8	11.2	16.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.04 ng

RT: 9.91 min Scan# 728

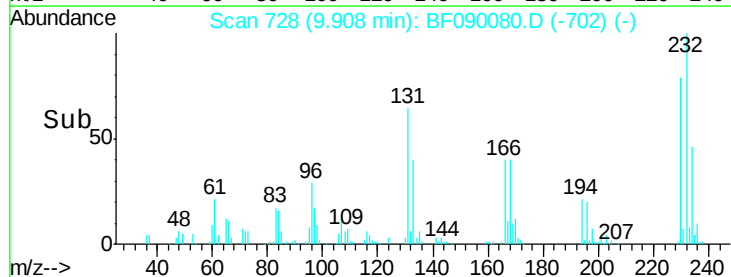
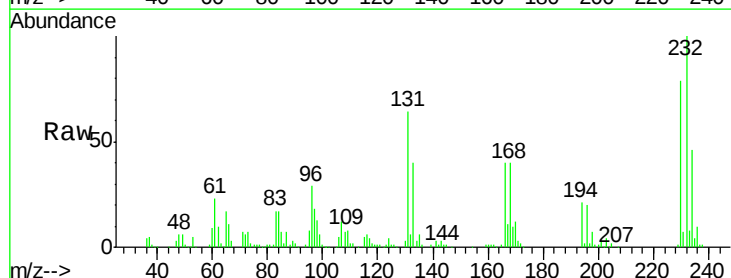
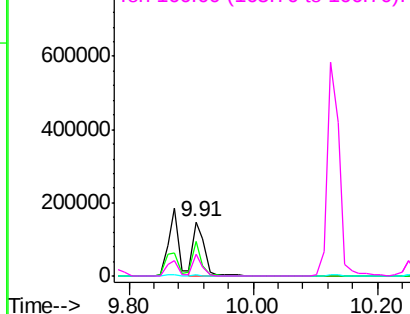
Delta R.T. 0.00 min

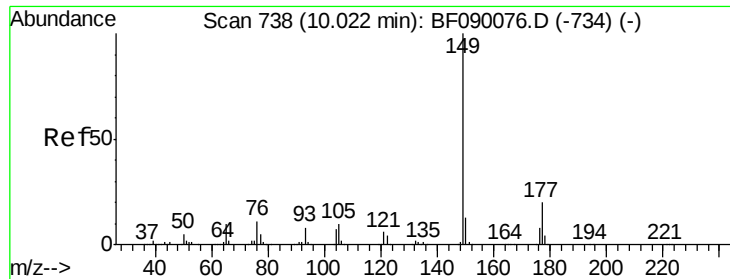
Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	232	Resp:	192266
Ion Ratio	Lower	Upper	
232	100		
131	51.4	42.2	63.4
130	2.2	1.9	2.9
166	33.3	26.4	39.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





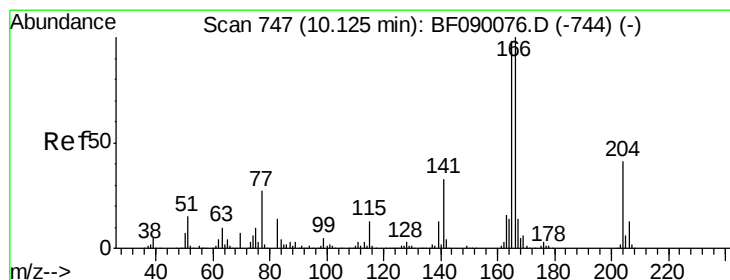
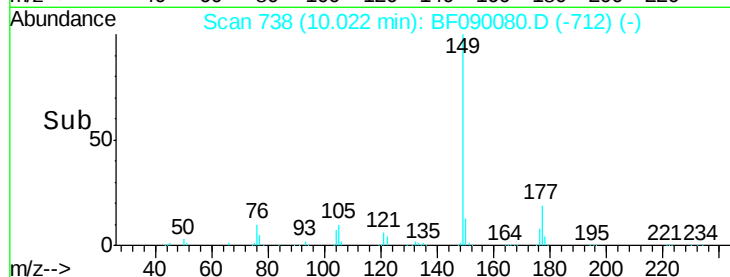
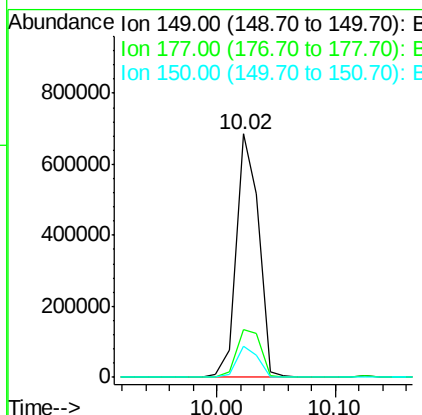
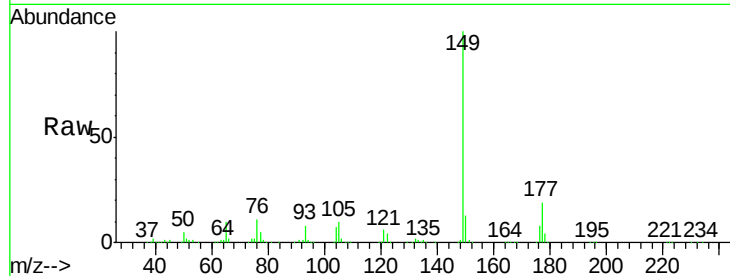
#59
Diethylphthalate
Concen: 36.87 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	900196		
177	19.5	15.8	23.6	
150	12.9	10.4	15.6	

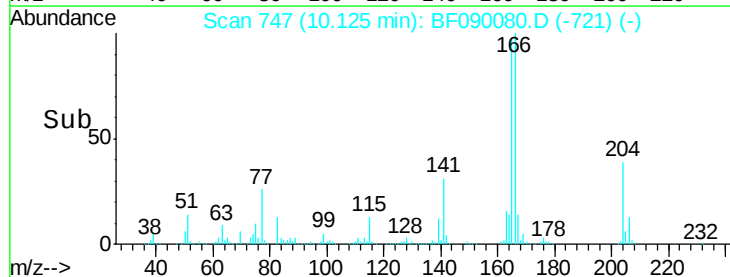
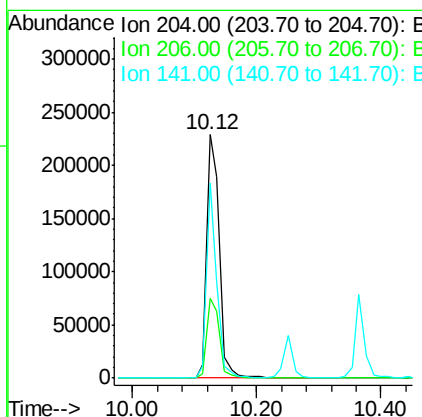
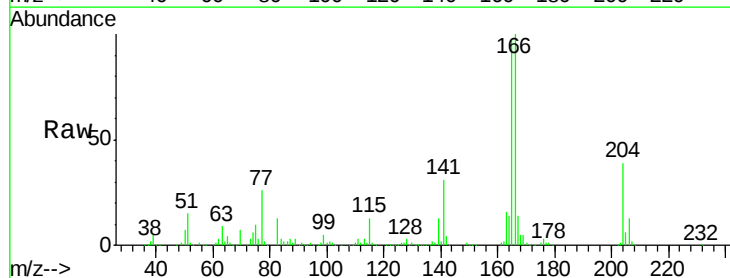
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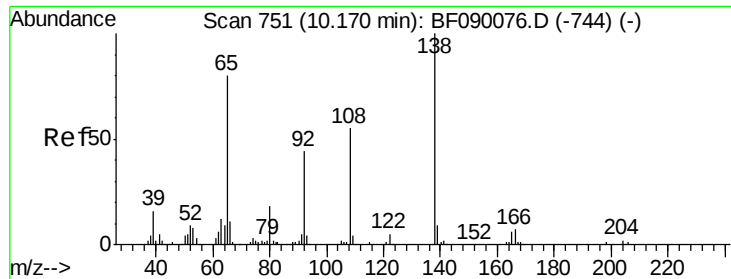
sohil
9/15/2016 12:51:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.35 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	321379		
206	32.7	25.6	38.4	
141	80.2	64.4	96.6	





#61

4-Nitroaniline

Concen: 41.87 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

ICVBF091516

Tgt Ion: 138 Resp: 290632
Ion Ratio Lower Upper

138 100

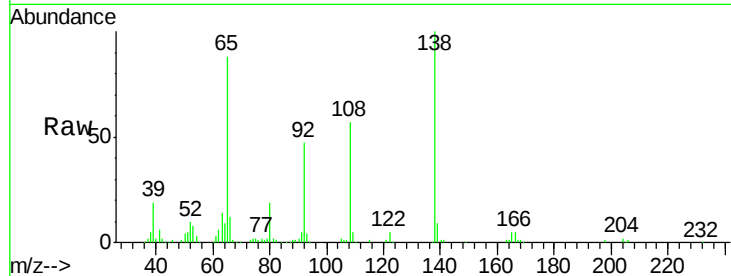
92 47.1 23.8 63.8

108 57.3 35.0 75.0

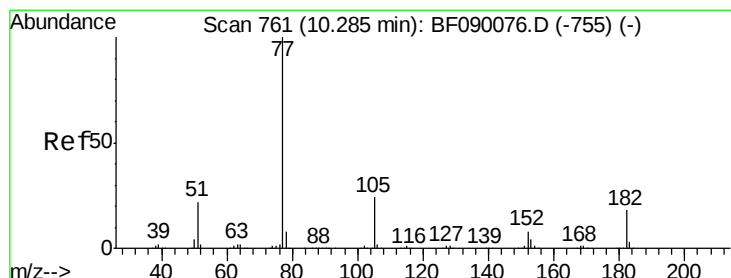
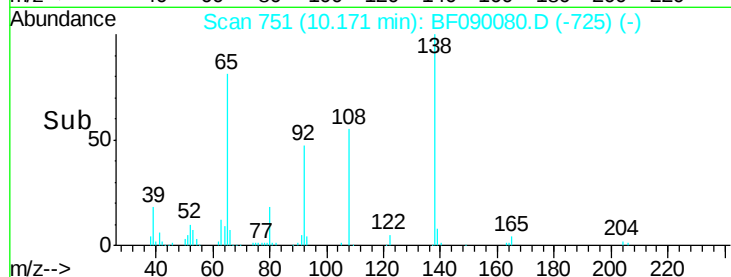
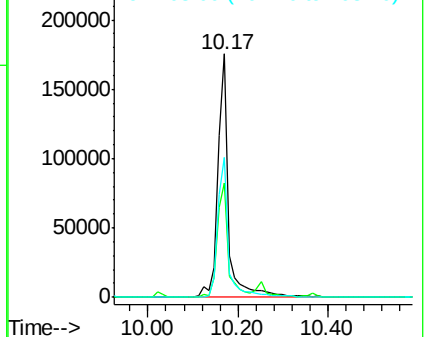
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.88 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

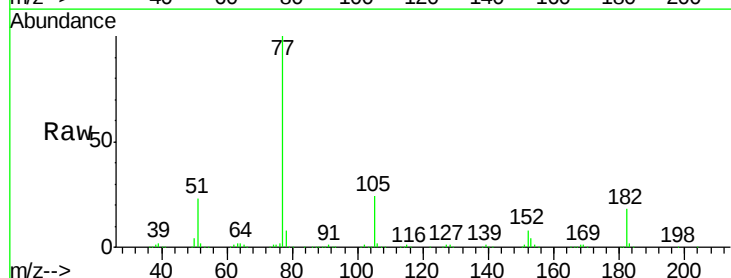
Tgt Ion: 77 Resp: 944867
Ion Ratio Lower Upper

77 100

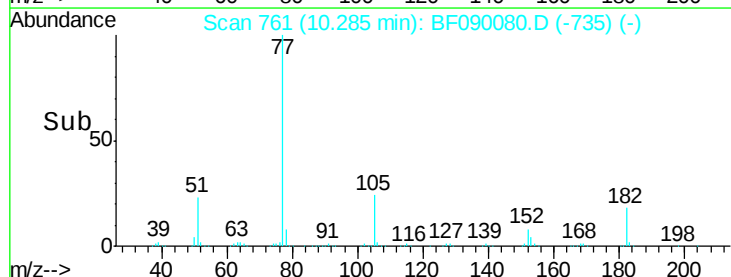
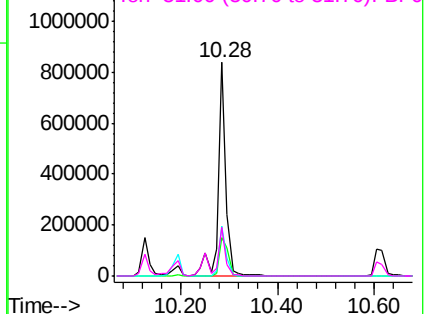
182 18.0 0.0 38.4

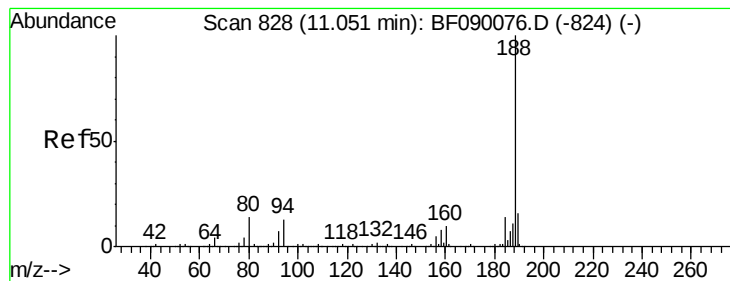
105 23.6 3.8 43.8

51 23.0 2.6 42.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

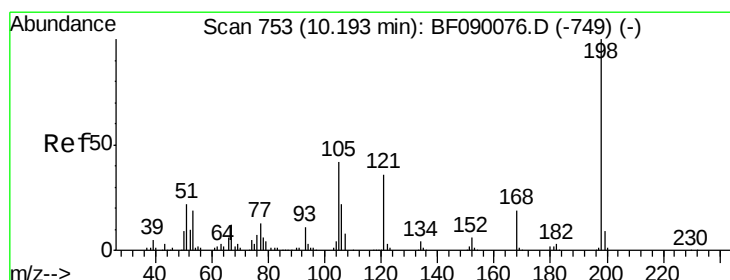
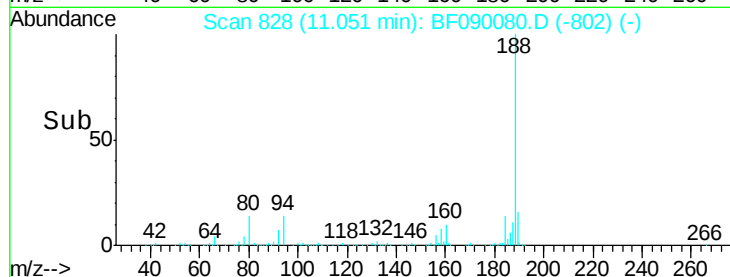
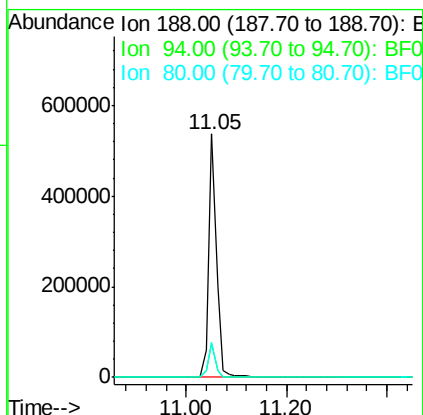
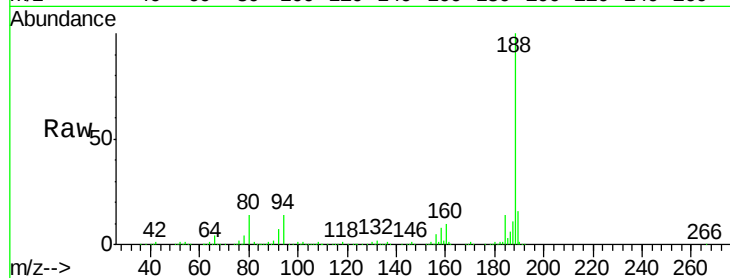
ClientSampleId :

ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	581998		
94	13.6	10.5	15.7	
80	14.5	11.2	16.8	

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.95 ng

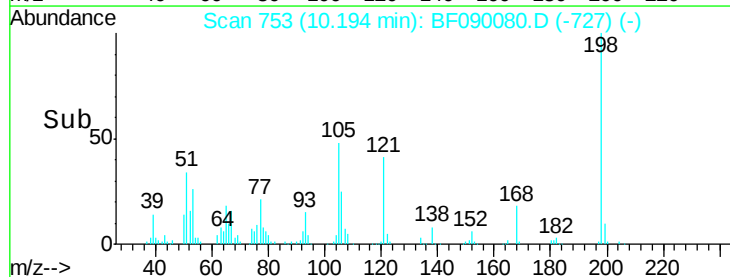
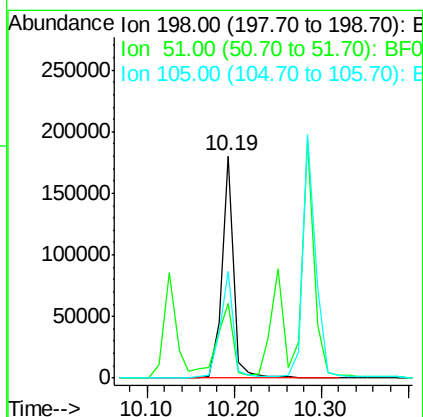
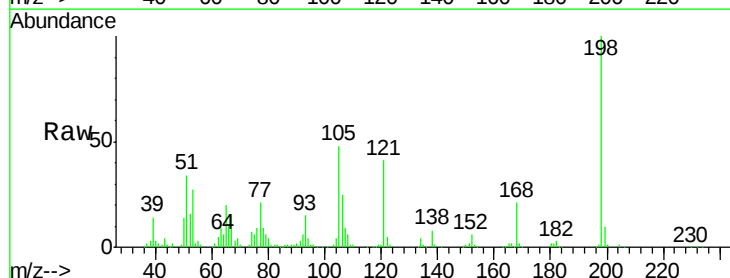
RT: 10.19 min Scan# 753

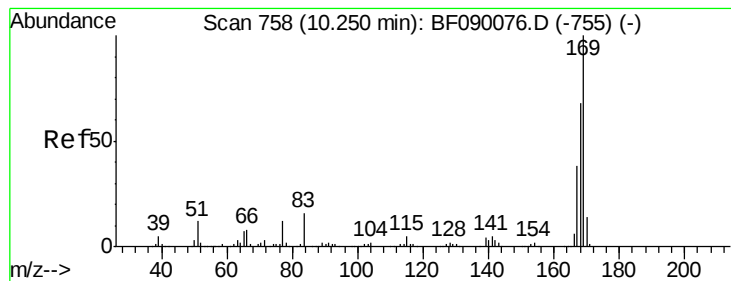
Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	173299		
51	33.8	5.5	45.5	
105	47.9	21.8	61.8	





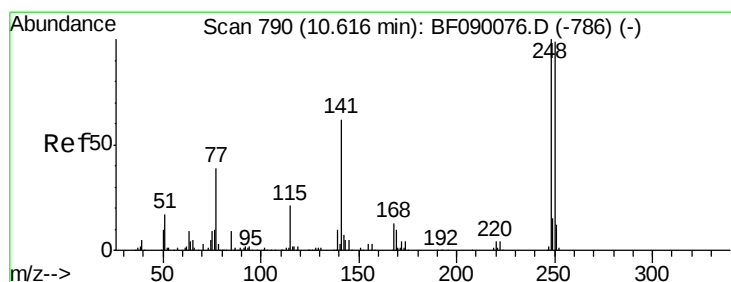
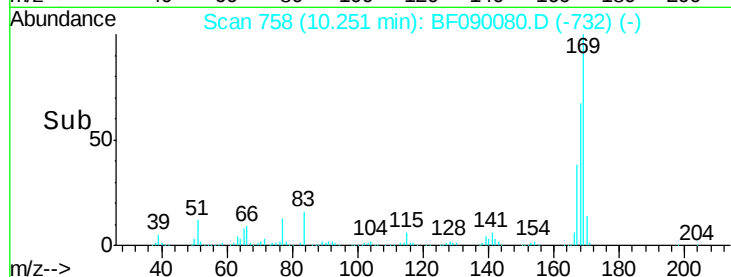
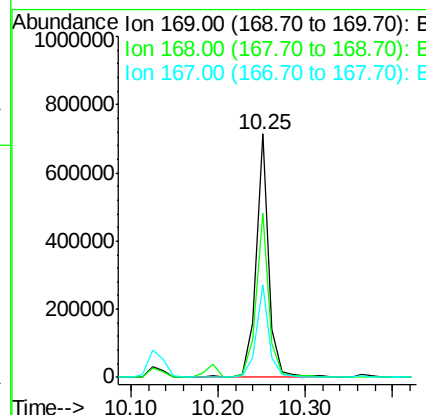
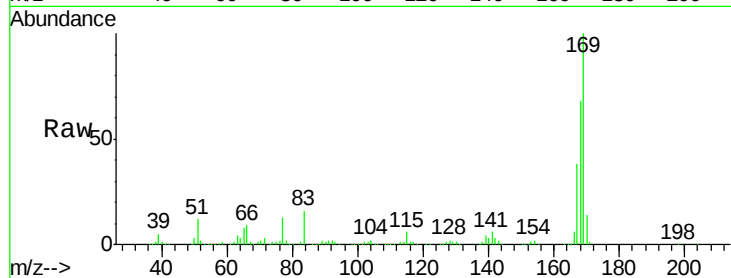
#65
n-Nitrosodiphenylamine
Concen: 39.71 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	732257		
168	67.7	54.2	81.4	
167	38.1	30.3	45.5	

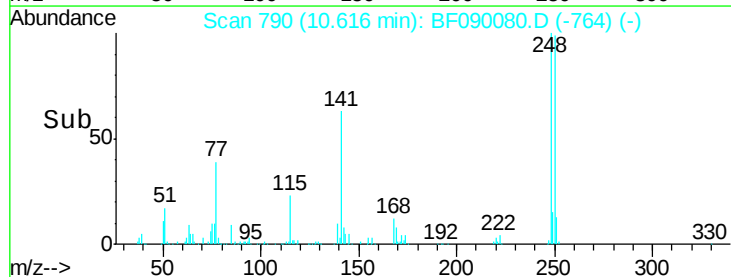
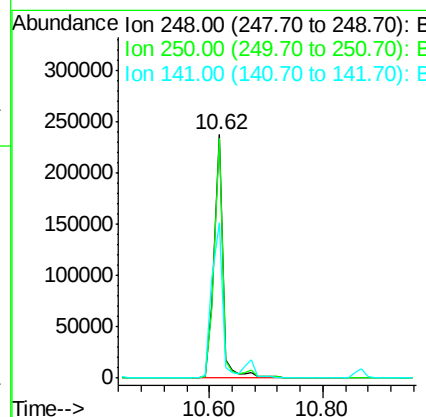
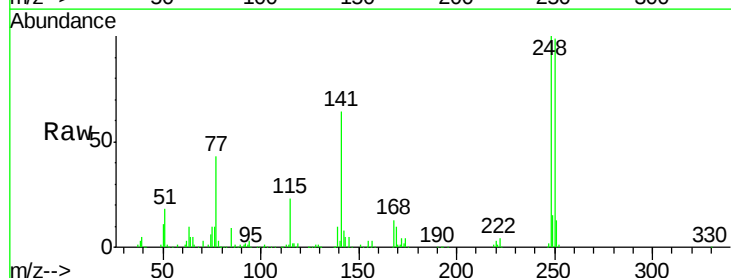
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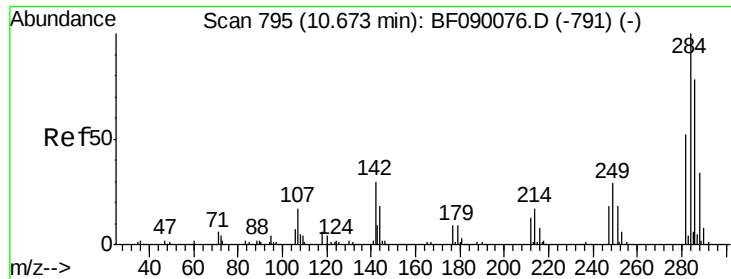
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#66
4-Bromophenyl-phenylether
Concen: 44.04 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247046		
250	98.7	79.4	119.2	
141	63.7	49.3	73.9	





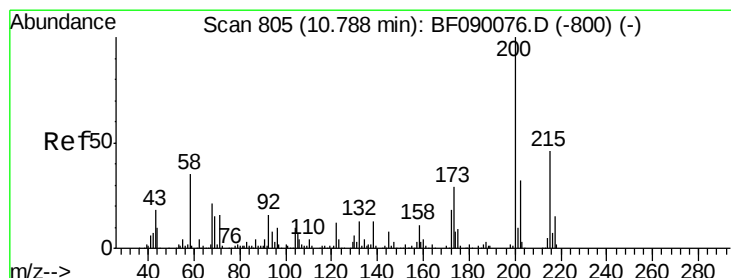
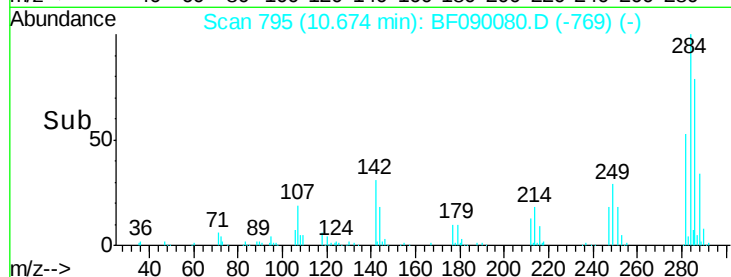
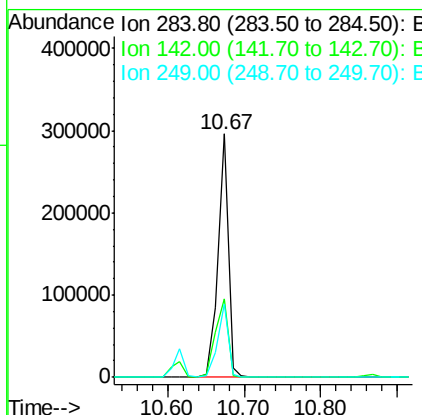
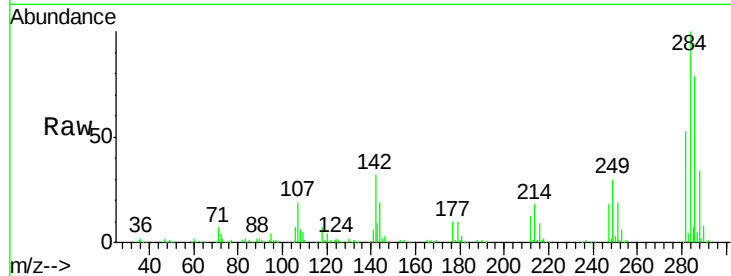
#67
Hexachlorobenzene
Concen: 41.82 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	32.2	24.0	36.0
249	30.3	23.8	35.6

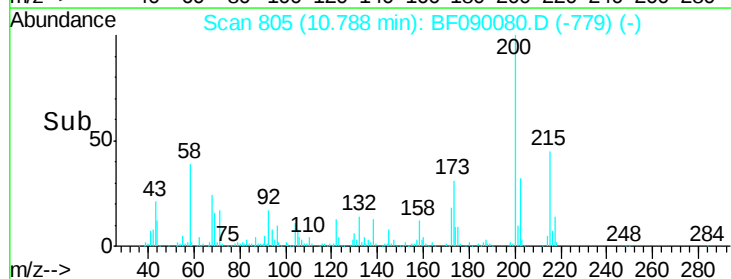
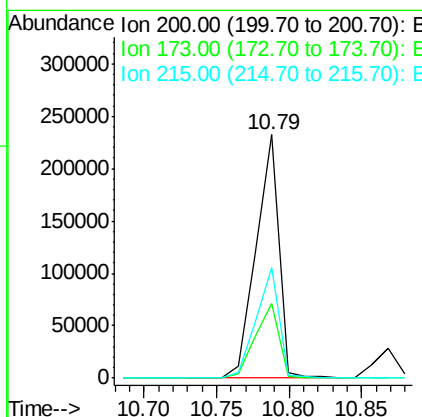
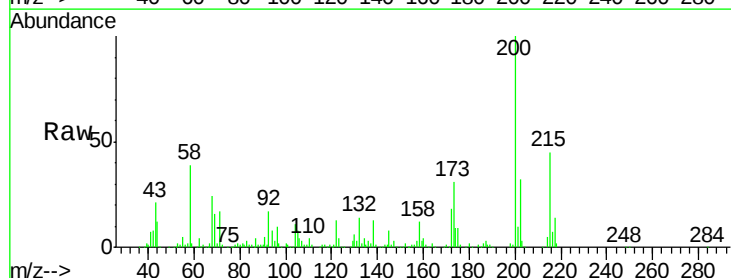
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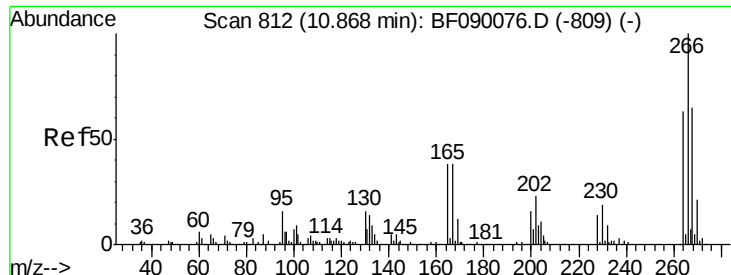
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#68
Atrazine
Concen: 46.47 ng
RT: 10.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.5	9.3	49.3
215	45.3	26.1	66.1





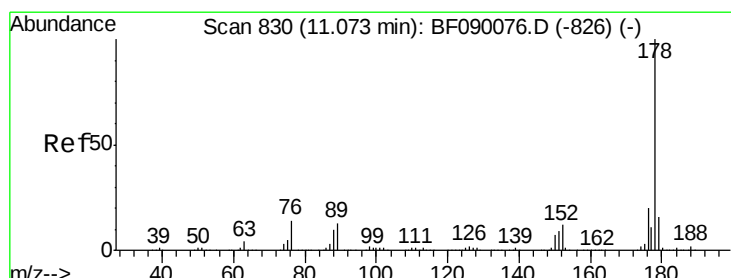
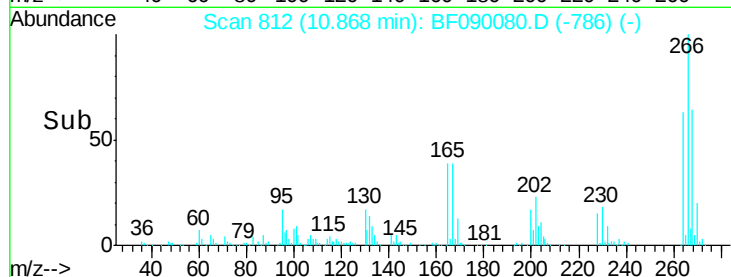
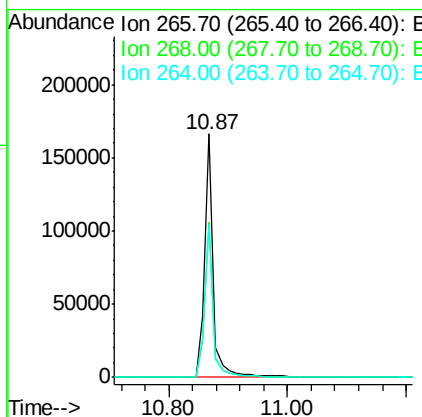
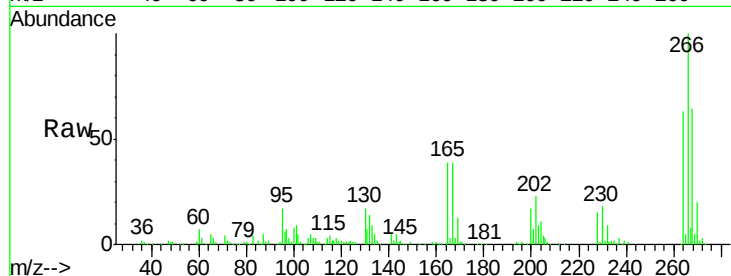
#69
 Pentachlorophenol
 Concen: 45.18 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.1	78.1
264	62.8	50.3	75.5

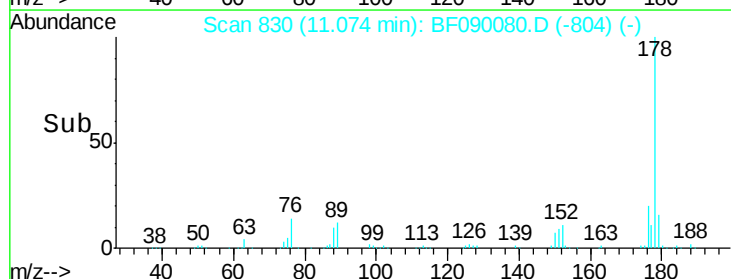
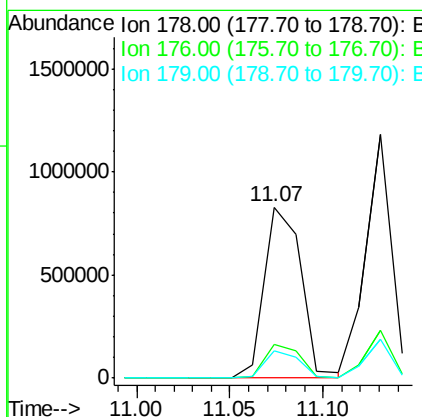
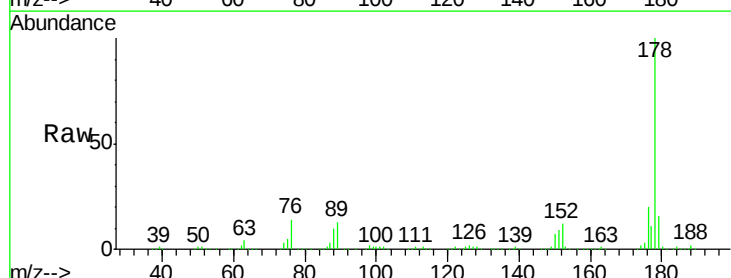
Manual Integrations
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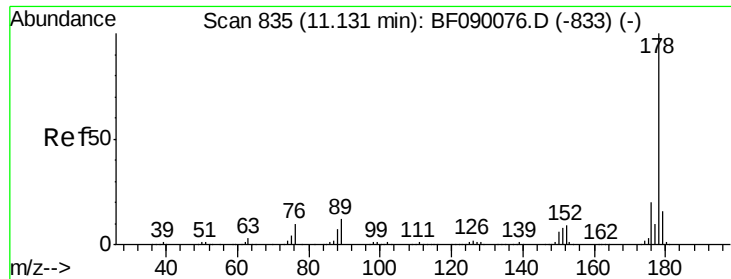
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#70
 Phenanthrene
 Concen: 40.31 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

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





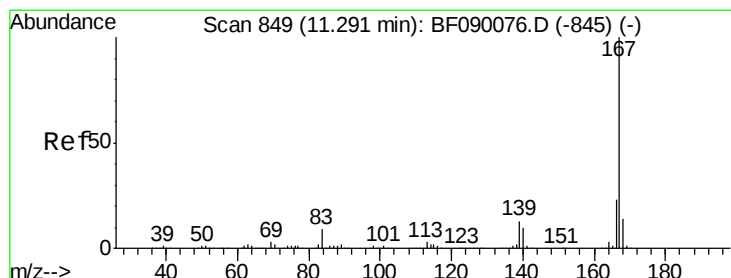
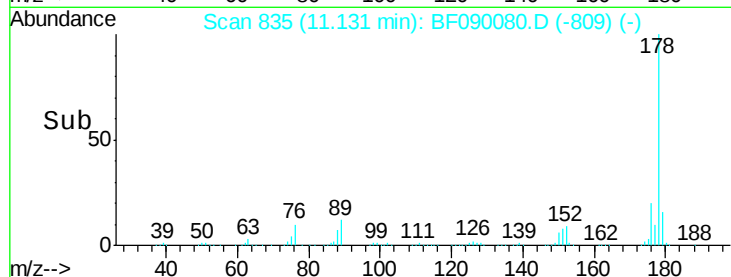
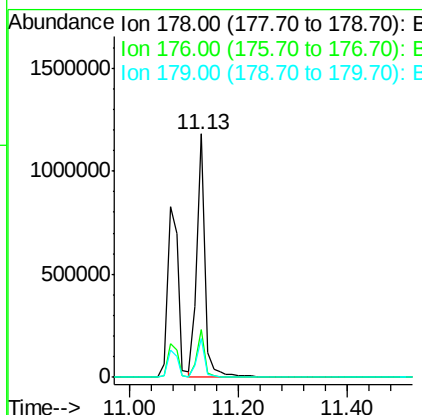
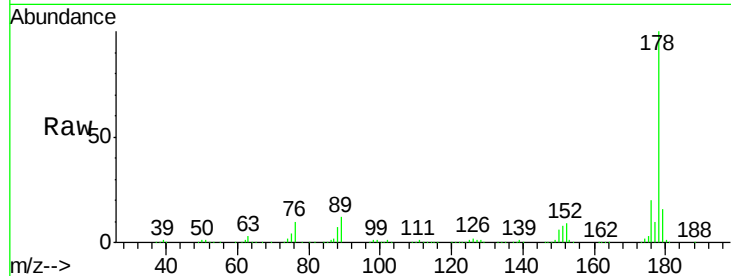
#71
 Anthracene
 Concen: 39.49 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion:178 Resp: 1212703
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.9 12.6 19.0

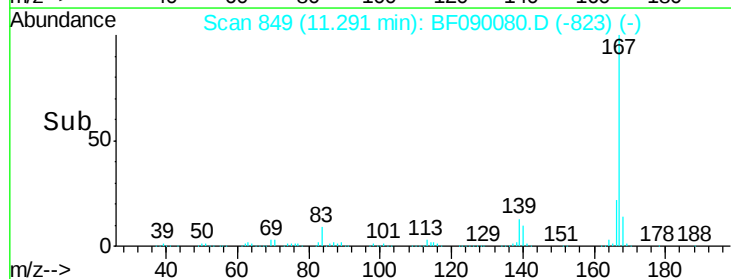
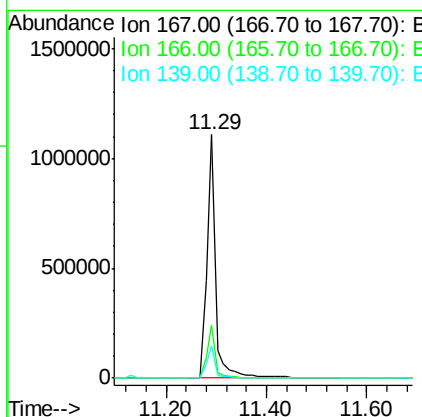
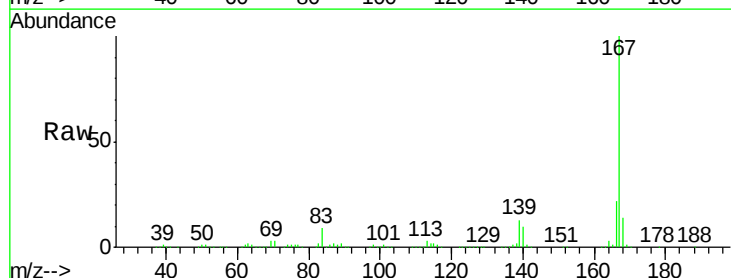
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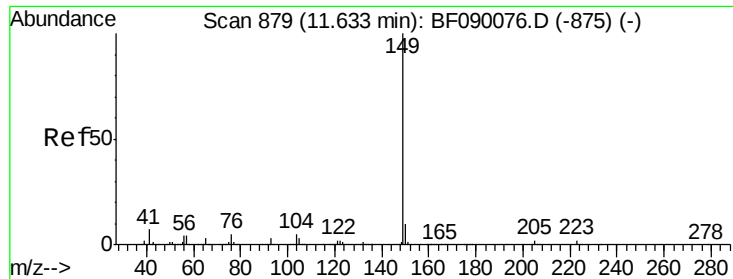
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#72
 Carbazole
 Concen: 42.19 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:167 Resp: 1329220
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.3 10.4 15.6





#73

Di-n-butylphthalate

Concen: 37.41 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

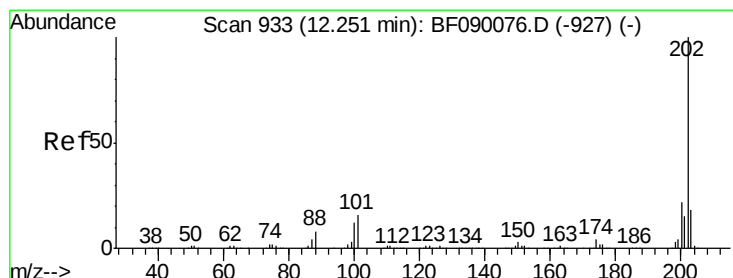
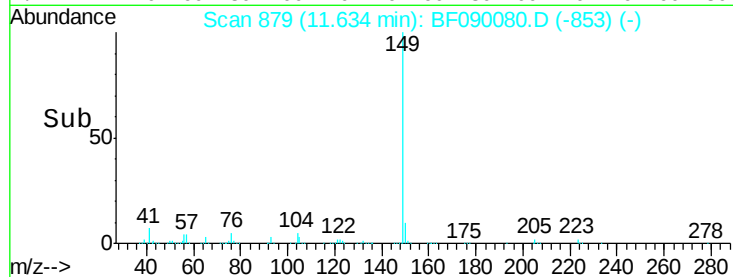
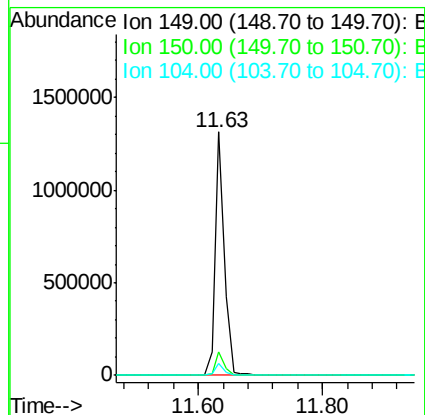
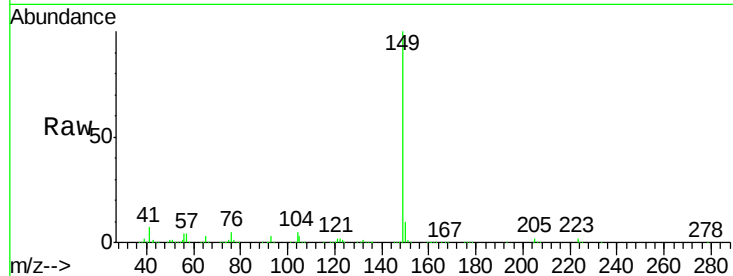
ICVBF091516

Tgt Ion:149 Resp: 1321680

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	5.0	3.9	5.9

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#74

Fluoranthene

Concen: 38.32 ng

RT: 12.25 min Scan# 933

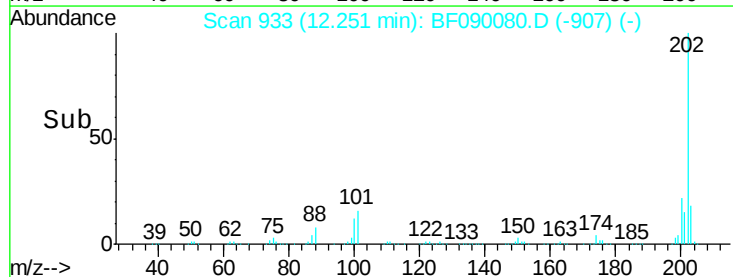
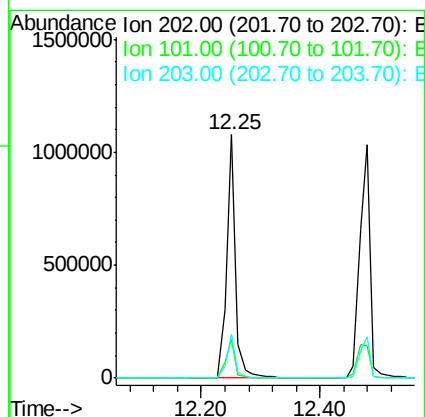
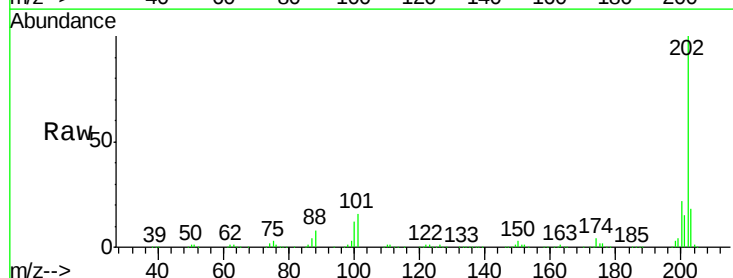
Delta R.T. 0.00 min

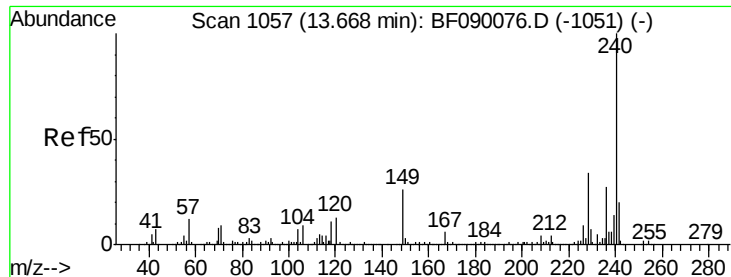
Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:202 Resp: 1129331

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	36.1
203	18.2	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: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

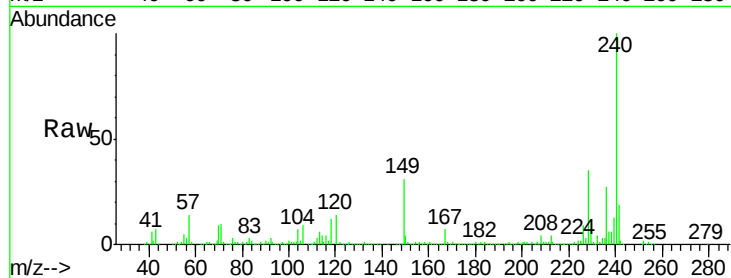
ClientSampleId :

ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	446540		
120	13.8	10.6	16.0	
236	26.5	21.6	32.4	

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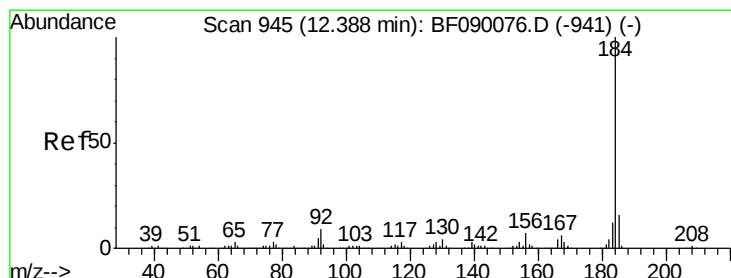
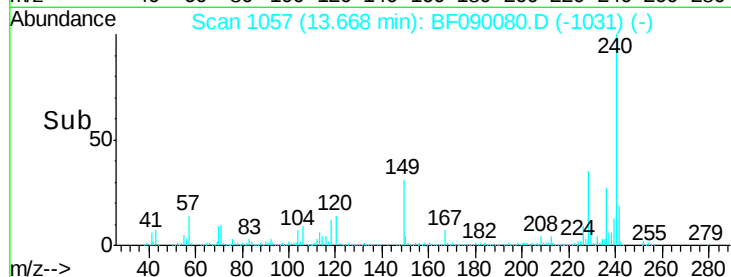
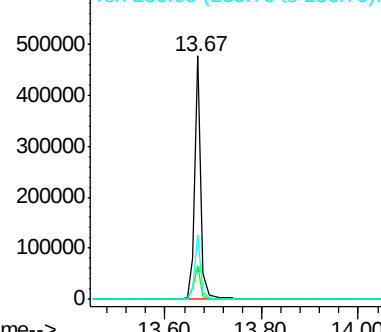
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.87 ng

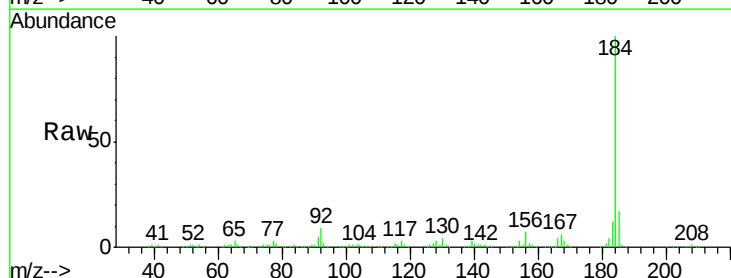
RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

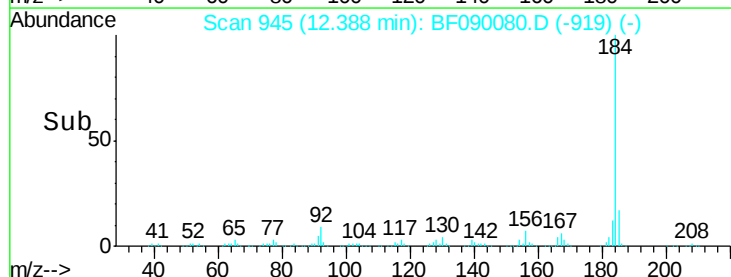
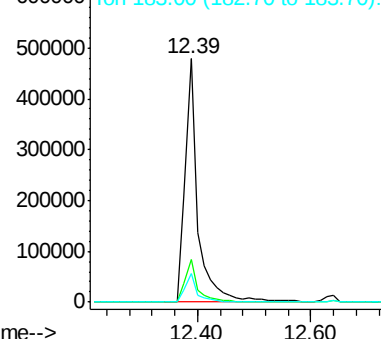
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	726286		
185	17.4	13.2	19.8	
183	11.6	9.2	13.8	

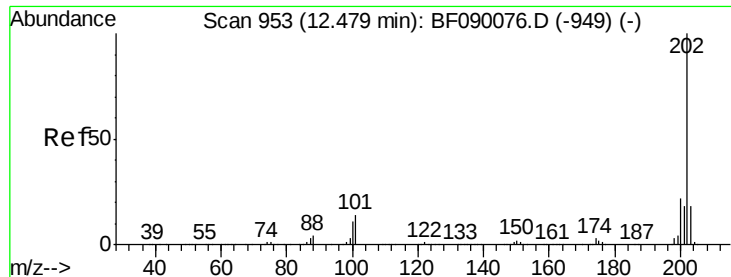


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





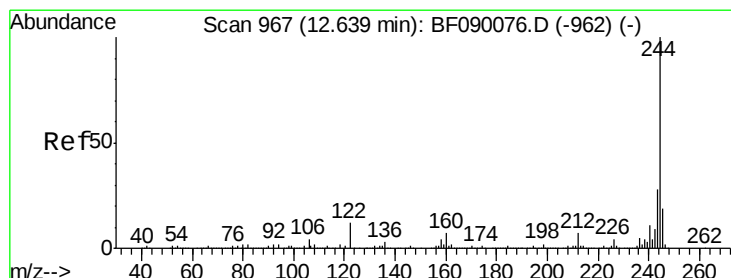
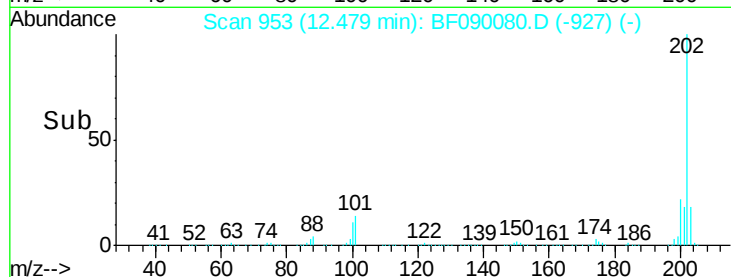
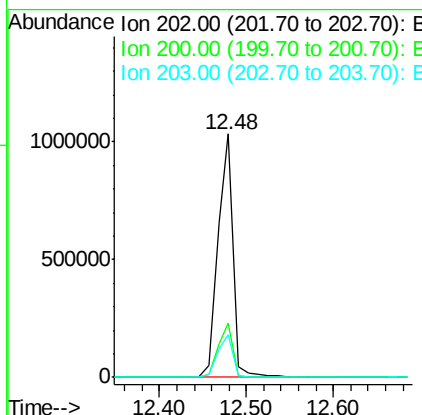
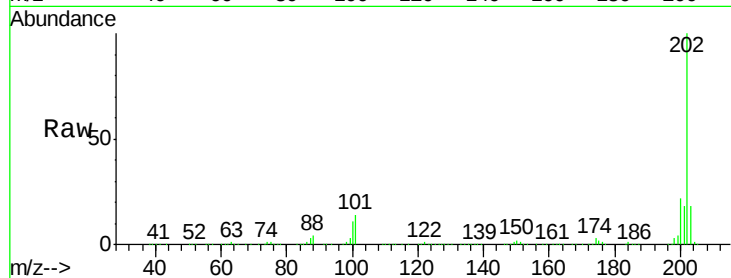
#77
Pyrene
 Concen: 38.64 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.9	26.9
203	17.5	14.2	21.4

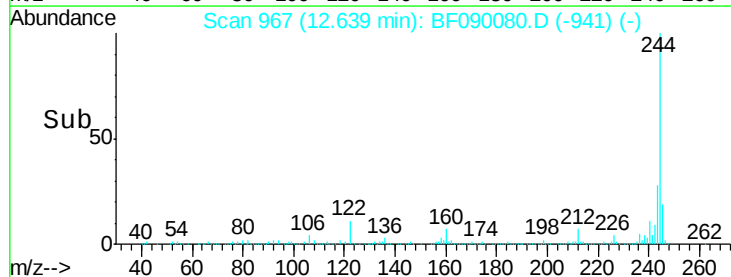
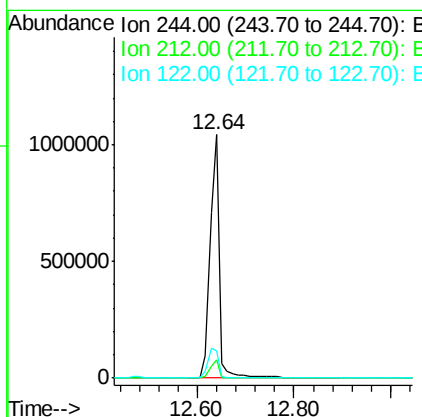
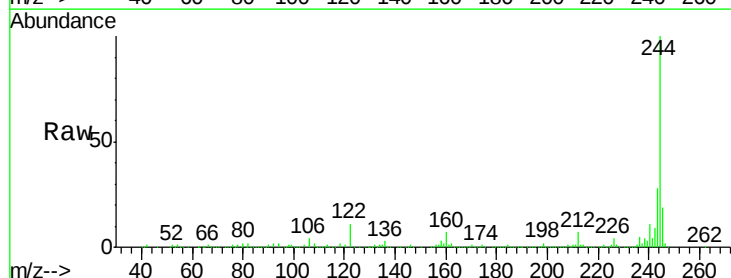
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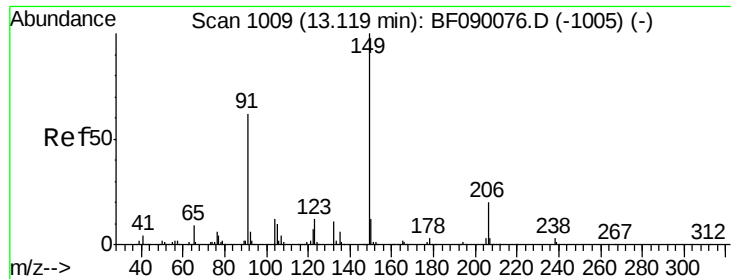
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#78
Terphenyl-d14
 Concen: 74.85 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.2	9.4	14.0





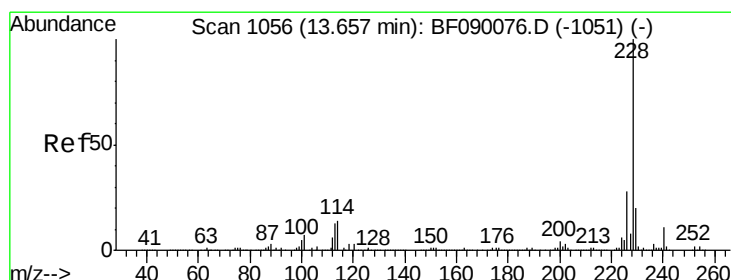
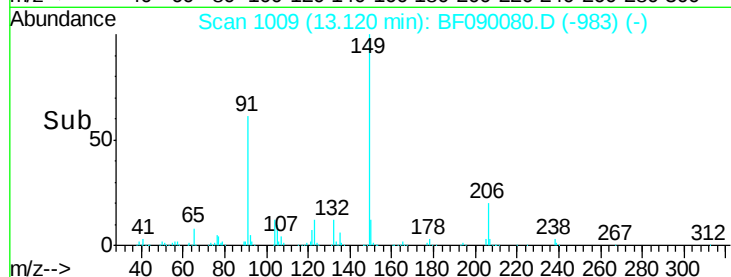
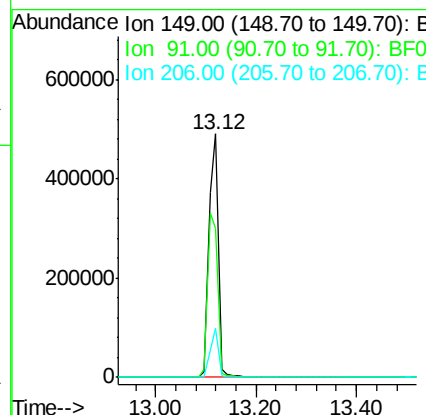
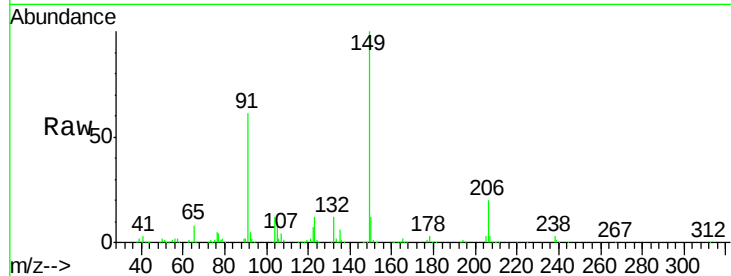
#79
Butylbenzylphthalate
Concen: 38.84 ng
RT: 13.12 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	630366		
91	61.2	49.8	74.6	
206	20.4	16.3	24.5	

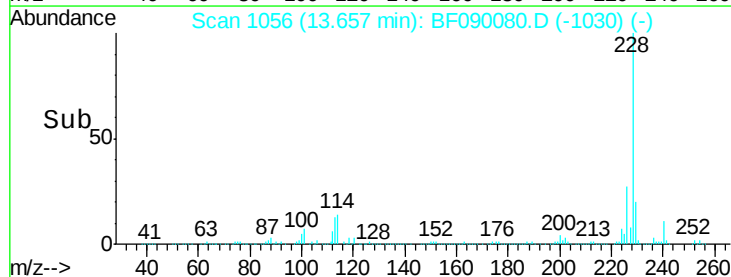
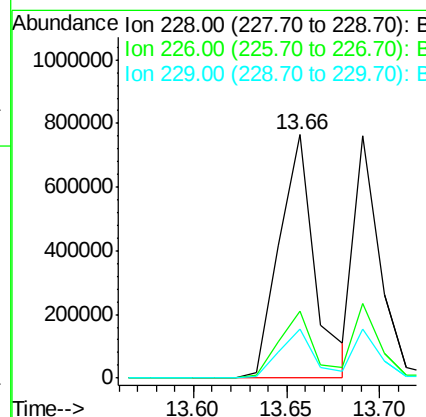
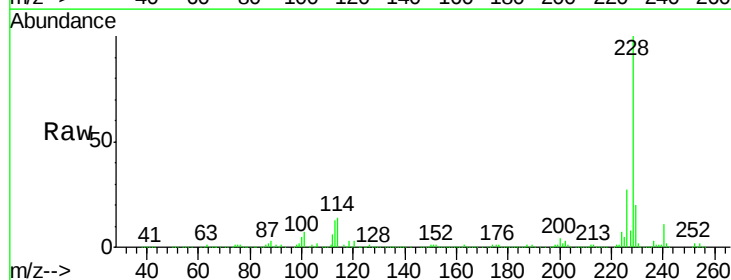
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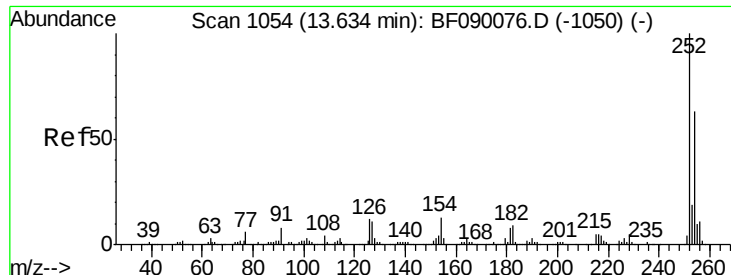
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#80
Benzo(a)anthracene
Concen: 38.74 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1009912		
226	27.4	22.0	33.0	
229	20.1	16.2	24.2	





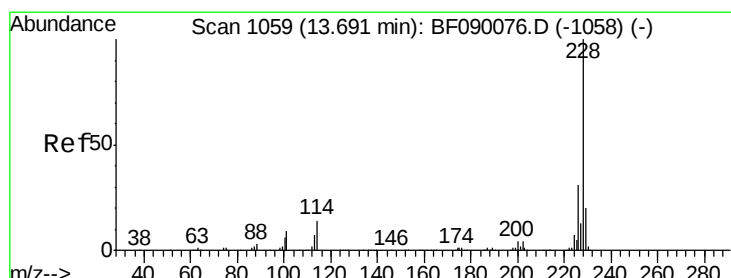
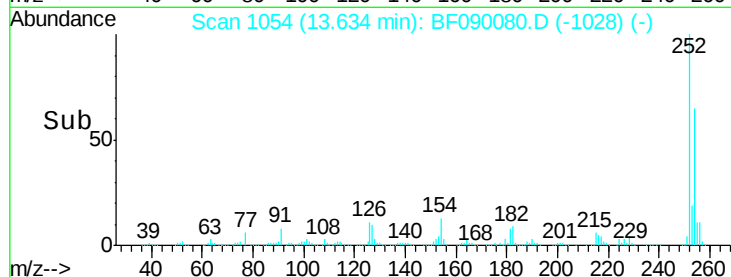
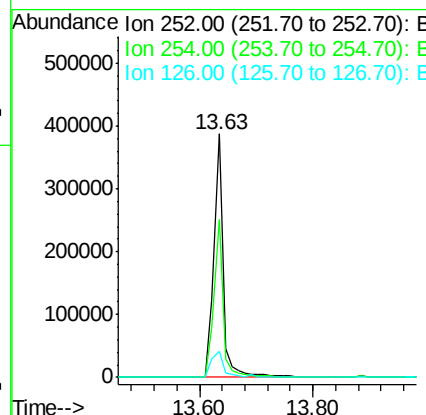
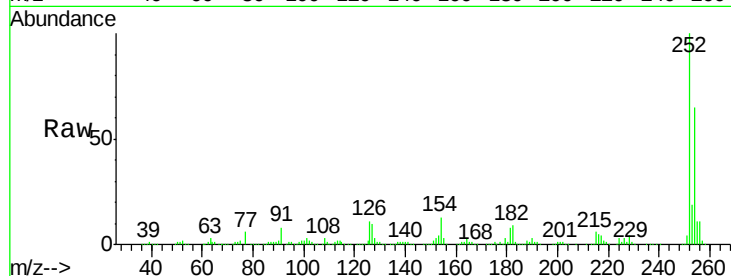
#81
 3,3'-Dichlorobenzidine
 Concen: 39.32 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	429607		
254	64.6	50.7	76.1	
126	10.8	9.2	13.8	

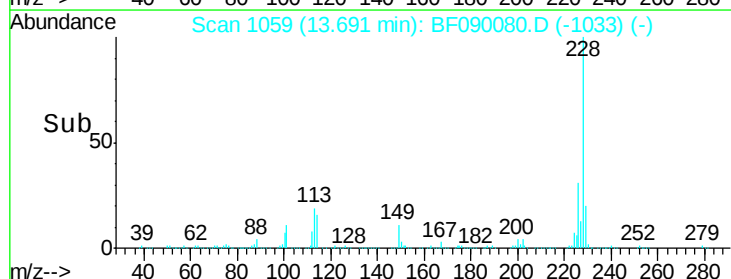
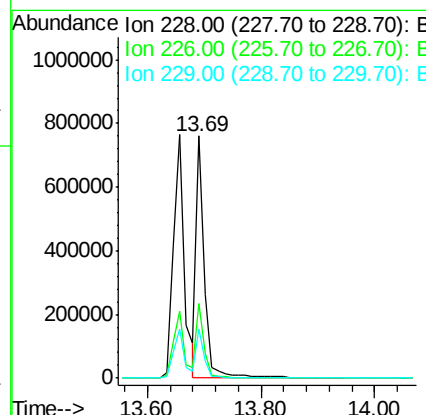
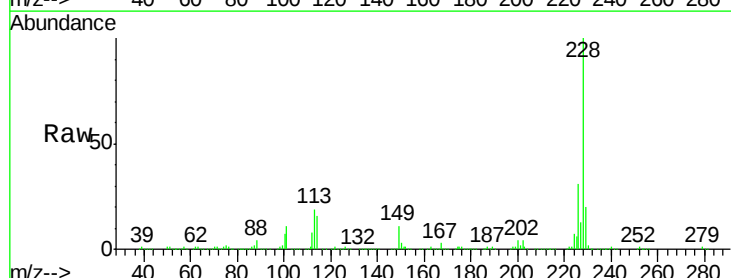
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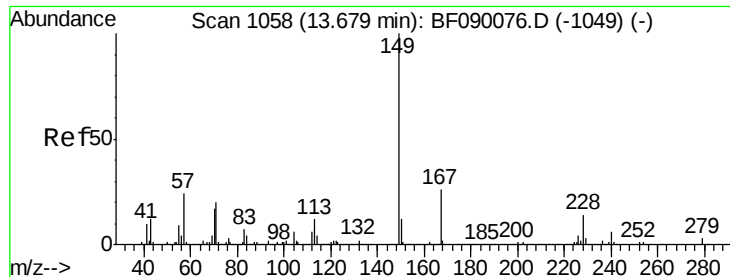
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#82
 Chrysene
 Concen: 32.27 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	788992		
226	30.7	24.6	37.0	
229	20.2	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.17 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

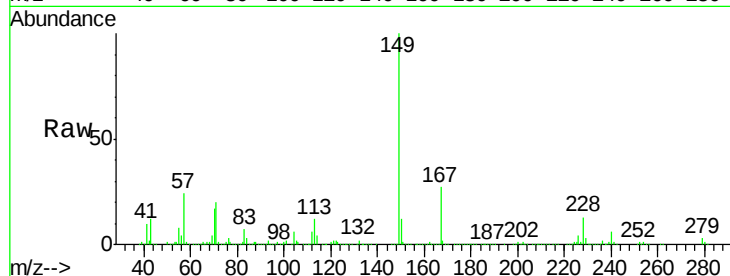
ClientSampleId :

ICVBF091516

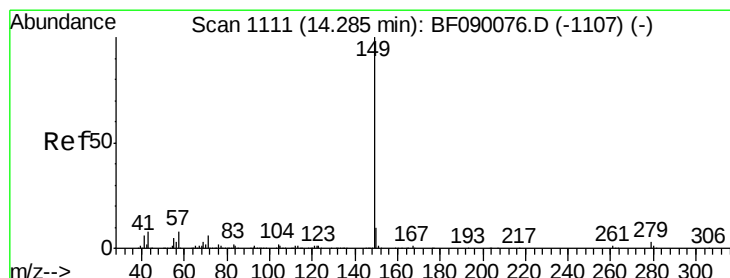
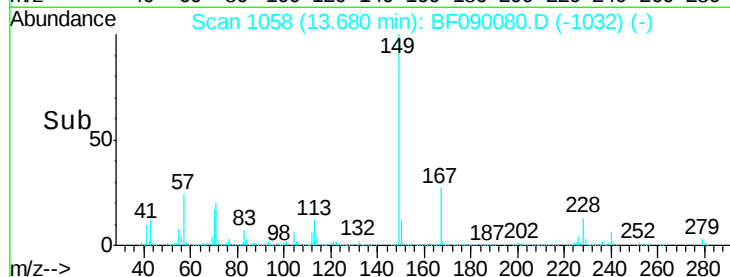
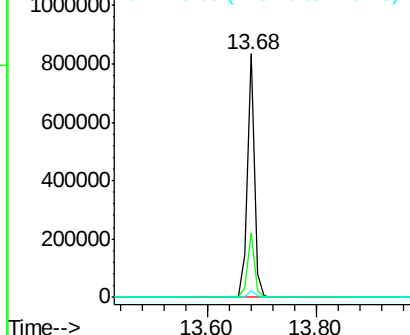
Tgt Ion:	149	Resp:	746207
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.2	31.8
279	2.9	2.2	3.2

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



#84

Di-n-octyl phthalate

Concen: 37.46 ng

RT: 14.29 min Scan# 1111

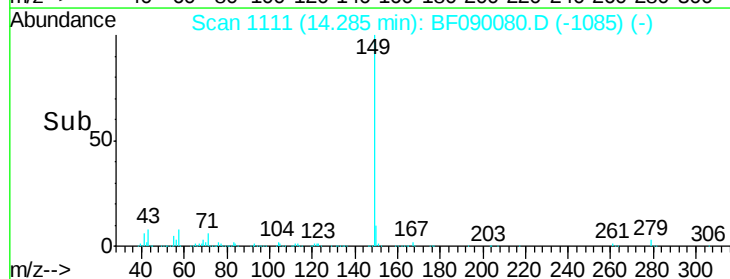
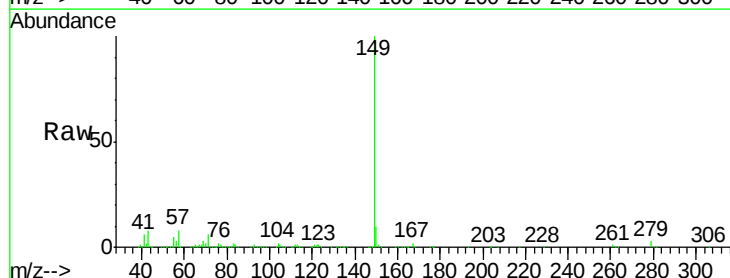
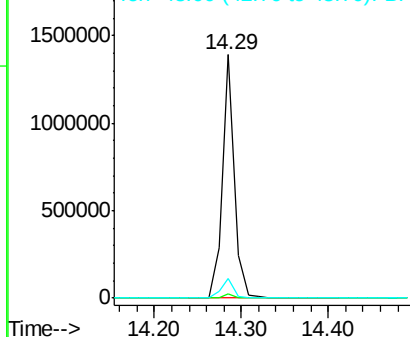
Delta R.T. 0.00 min

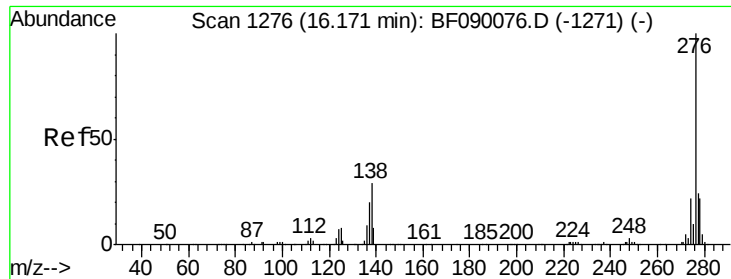
Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	149	Resp:	1344113
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	6.8	10.2

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





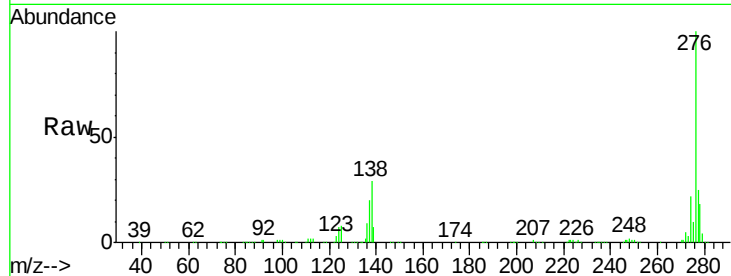
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.92 ng
 RT: 16.17 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

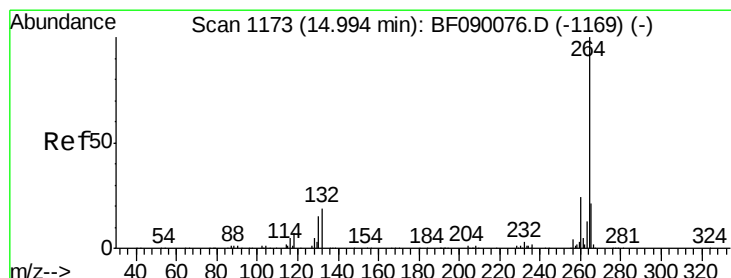
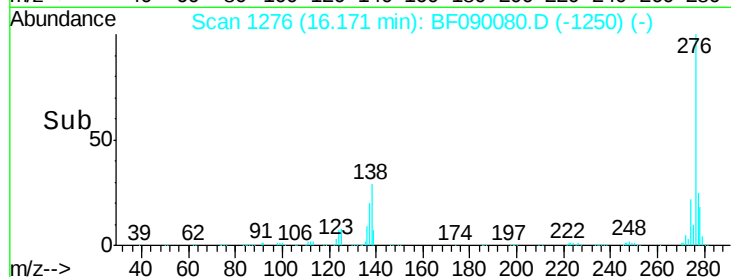
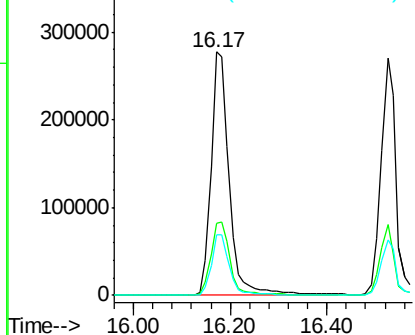
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.9	38.9
277	25.0	19.9	29.9

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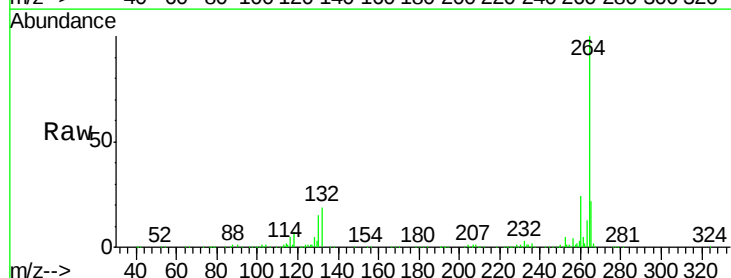


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

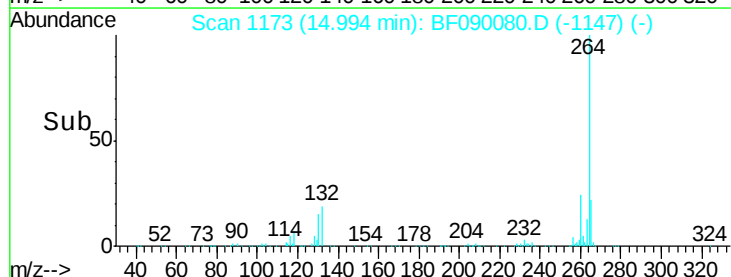
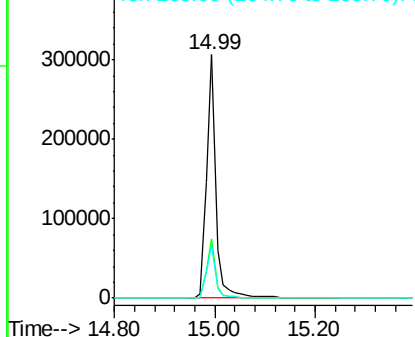


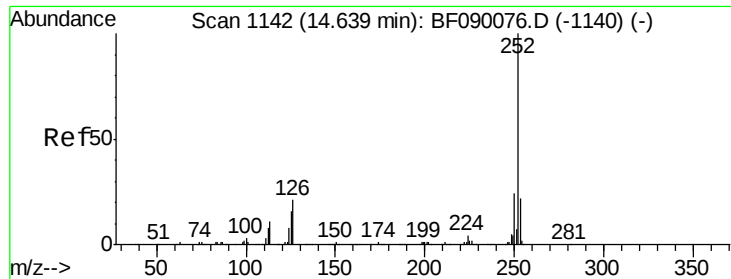
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.0	25.4



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





#87

Benzo(b)fluoranthene

Concen: 34.25 ng m

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

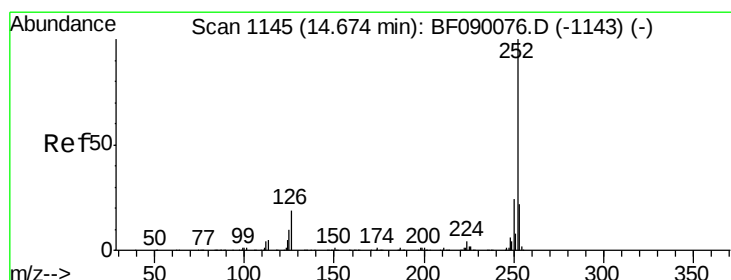
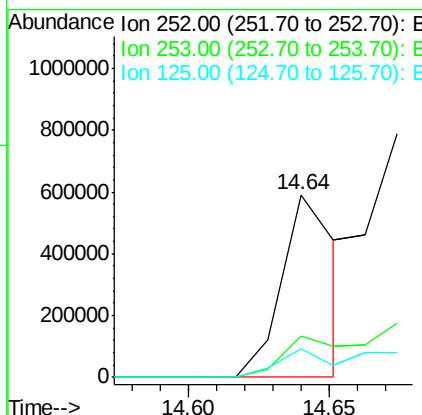
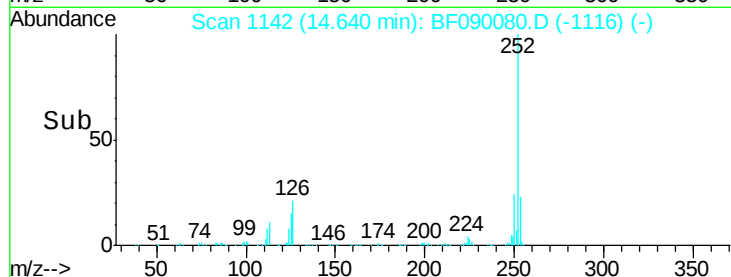
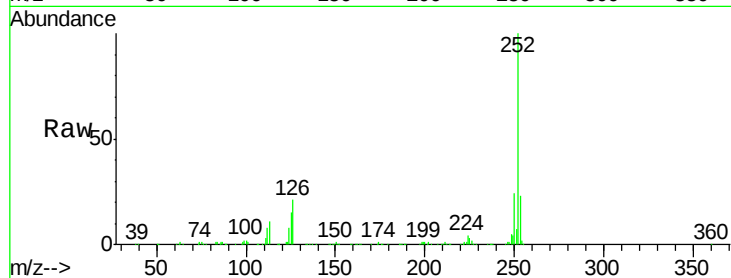
ClientSampled :

ICVBF091516

Tgt Ion:	252	Resp:	793719
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	15.4	12.7	19.1

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#88

Benzo(k)fluoranthene

Concen: 46.57 ng m

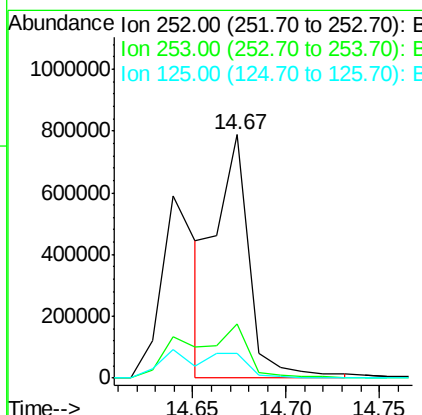
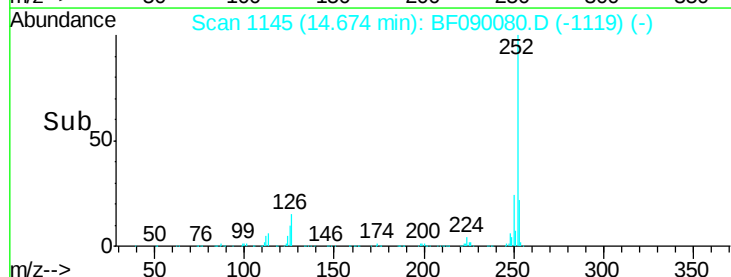
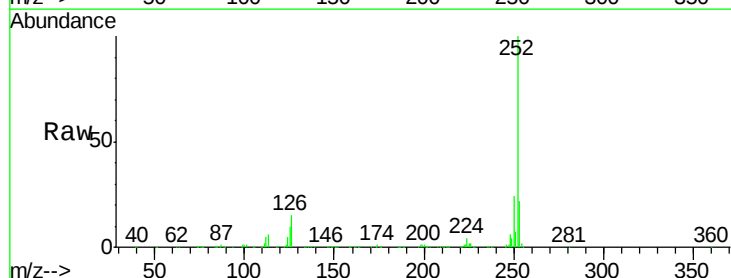
RT: 14.67 min Scan# 1145

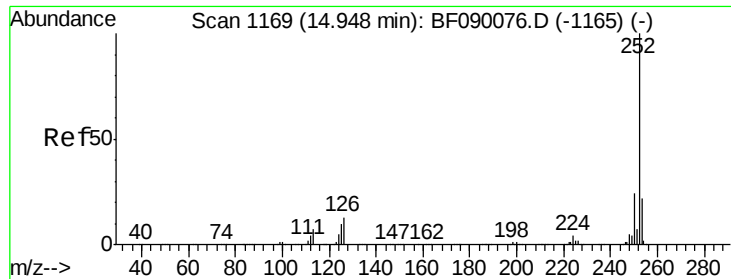
Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:	252	Resp:	971526
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	9.9	7.8	11.6





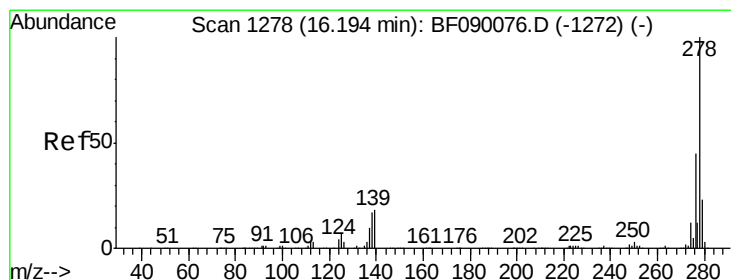
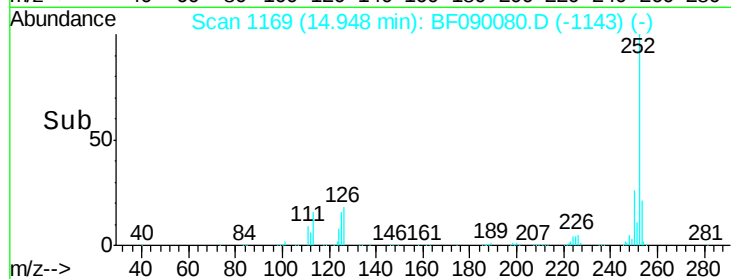
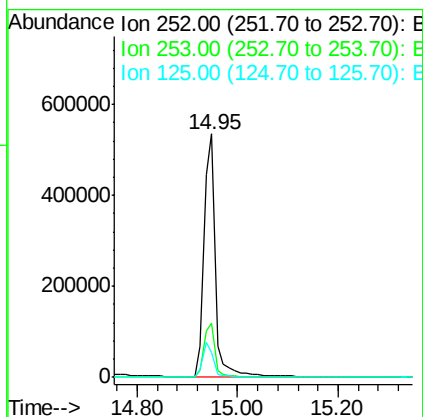
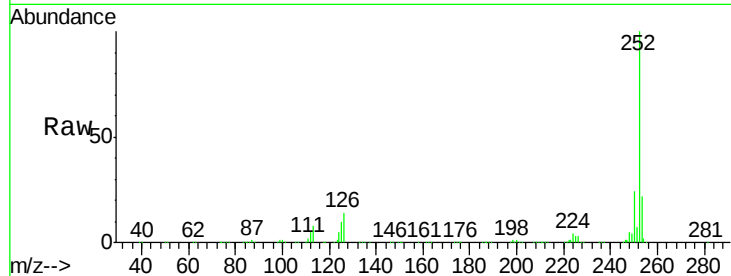
#89
Benzo(a)pyrene
Concen: 40.19 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.2	7.7	11.5

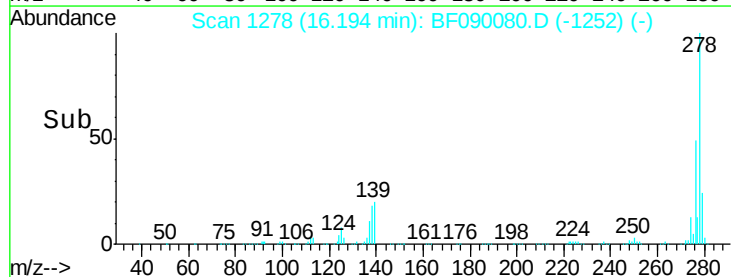
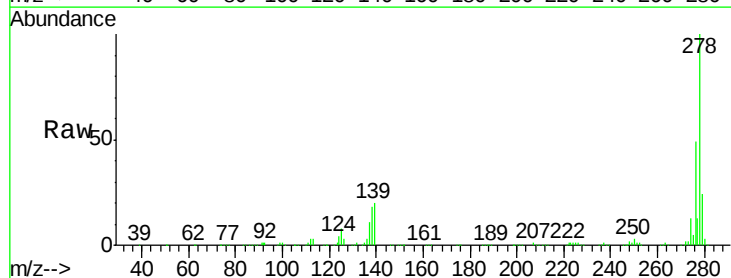
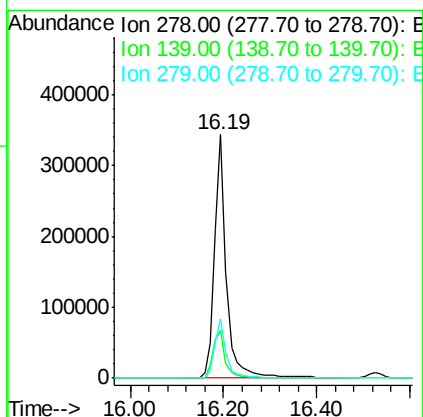
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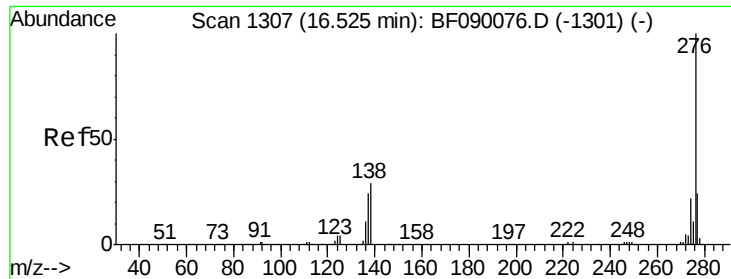
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#90
Dibenzo(a,h)anthracene
Concen: 37.92 ng
RT: 16.19 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.6	21.8
279	24.1	18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 37.97 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091516

Tgt Ion:	276	Resp:	589747
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.9	28.3
138	29.8	23.3	34.9

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