

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090031.D
 Acq On : 8 Sep 2016 18:23
 Operator : UM/SJ
 Sample : H4704-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Manual Integrations
 APPROVED

Sohil
 9/9/2016 8:39:09 AM

Quant Time: Sep 09 05:09:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	196996	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	781571	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	396345	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	731305	20.00	ng	0.00
75) Chrysene-d12	13.73	240	446978	20.00	ng	0.00
86) Perylene-d12	15.06	264	457461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1353785	110.00	ng	0.01
7) Phenol-d6	6.25	99	1688464	112.91	ng	0.00
23) Nitrobenzene-d5	7.18	82	1050210	77.93	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	423670	108.35	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1826841	75.66	ng	0.00
78) Terphenyl-d14	12.69	244	1472513	81.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	155037	26.59	ng	# 95
3) Pyridine	2.72	79	335623	21.57	ng	97
4) n-Nitrosodimethylamine	2.67	42	245587	32.01	ng	92
6) Aniline	6.26	93	569359	27.90	ng	91
8) 2-Chlorophenol	6.39	128	485157	36.34	ng	99
9) Benzaldehyde	6.14	77	63726	6.61	ng	95
10) Phenol	6.27	94	571506	32.86	ng	# 72
11) bis(2-Chloroethyl)ether	6.34	93	479245	36.42	ng	98
12) 1,3-Dichlorobenzene	6.54	146	518354m	34.76	ng	
13) 1,4-Dichlorobenzene	6.62	146	546145	35.79	ng	98
14) 1,2-Dichlorobenzene	6.78	146	483116	35.32	ng	95
15) Benzyl Alcohol	6.75	79	355155	37.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	845316	33.69	ng	91
17) 2-Methylphenol	6.88	107	403500	37.84	ng	100
18) Hexachloroethane	7.11	117	172996	33.10	ng	# 88
19) n-Nitroso-di-n-propylamine	7.03	70	324850	33.33	ng	88
20) 3+4-Methylphenols	7.04	107	492416	38.10	ng	# 71
22) Acetophenone	7.02	105	602094	34.34	ng	# 92
24) Nitrobenzene	7.19	77	467154	32.61	ng	95
25) Isophorone	7.44	82	941273	34.35	ng	96
26) 2-Nitrophenol	7.51	139	276519	40.38	ng	95
27) 2,4-Dimethylphenol	7.56	122	458154	36.16	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	626315	37.89	ng	99
29) 2,4-Dichlorophenol	7.76	162	429981	37.86	ng	89
30) 1,2,4-Trichlorobenzene	7.84	180	460598	37.09	ng	99
31) Naphthalene	7.91	128	1330739	34.18	ng	99
32) Benzoic acid	7.66	122	71339	8.36	ng	86
33) 4-Chloroaniline	7.96	127	495019	31.51	ng	99
34) Hexachlorobutadiene	8.03	225	253491	34.84	ng	99
35) Caprolactam	8.34	113	129583m	36.15	ng	
36) 4-Chloro-3-methylphenol	8.46	107	423316	35.19	ng	# 81
37) 2-Methylnaphthalene	8.60	142	988884	38.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	377407	32.50	ng	99
40) Hexachlorocyclopentadiene	8.75	237	279145	46.89	ng	95

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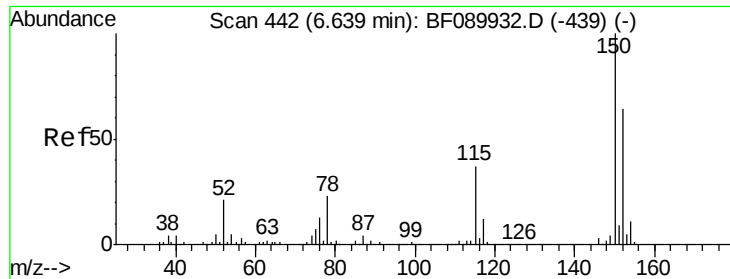
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	285257	35.45	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	325194	42.03	ng	97
45) 1,1'-Biphenyl	9.06	154	1012607	31.73	ng	100
46) 2-Chloronaphthalene	9.08	162	869095	38.50	ng	99
47) 2-Nitroaniline	9.19	65	302071	40.93	ng	# 86
48) Acenaphthylene	9.50	152	1375115	36.84	ng	100
49) Dimethylphthalate	9.38	163	1590576	55.52	ng	99
50) 2,6-Dinitrotoluene	9.44	165	244934	38.44	ng	# 63
51) Acenaphthene	9.67	154	889958	37.63	ng	99
52) 3-Nitroaniline	9.60	138	240885	33.15	ng	88
53) 2,4-Dinitrophenol	9.70	184	105497	35.39	ng	# 79
54) Dibenzofuran	9.84	168	1240485	39.14	ng	100
55) 4-Nitrophenol	9.77	139	348130	63.51	ng	# 64
56) 2,4-Dinitrotoluene	9.83	165	280550	34.72	ng	# 77
57) Fluorene	10.18	166	958860	41.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	279533	42.20	ng	93
59) Diethylphthalate	10.07	149	1001083	37.15	ng	99
60) 4-Chlorophenyl-phenylether	10.18	204	448158	41.12	ng	96
61) 4-Nitroaniline	10.20	138	243473	34.10	ng	91
62) Azobenzene	10.33	77	1001781	37.22	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	102005	21.79	ng	# 59
65) n-Nitrosodiphenylamine	10.30	169	829681	37.74	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	309955	42.10	ng	99
67) Hexachlorobenzene	10.72	284	286082	34.02	ng	98
68) Atrazine	10.83	200	291245	39.68	ng	95
69) Pentachlorophenol	10.91	266	290744	64.26	ng	98
70) Phenanthrene	11.13	178	1396696	38.35	ng	100
71) Anthracene	11.18	178	1409972	38.17	ng	100
72) Carbazole	11.34	167	1239872	35.80	ng	99
73) Di-n-butylphthalate	11.68	149	1504946	37.28	ng	99
74) Fluoranthene	12.31	202	1436550	37.64	ng	99
76) Benzidine	12.45	184	726884	42.93	ng	95
77) Pyrene	12.53	202	1269494	40.28	ng	99
79) Butylbenzylphthalate	13.17	149	554652	43.64	ng	95
80) Benzo(a)anthracene	13.71	228	1115490	40.75	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	365567	36.99	ng	99
82) Chrysene	13.75	228	1062097	41.53	ng	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	692476	39.39	ng	# 93
84) Di-n-octyl phthalate	14.33	149	1204399	42.45	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	898234	47.51	ng	99
87) Benzo(b)fluoranthene	14.70	252	983483m	34.32	ng	
88) Benzo(k)fluoranthene	14.73	252	1056919m	43.46	ng	
89) Benzo(a)pyrene	15.01	252	951276	38.74	ng	# 96
90) Dibenzo(a,h)anthracene	16.29	278	736816	40.96	ng	97
91) Benzo(g,h,i)perylene	16.64	276	728939	40.25	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

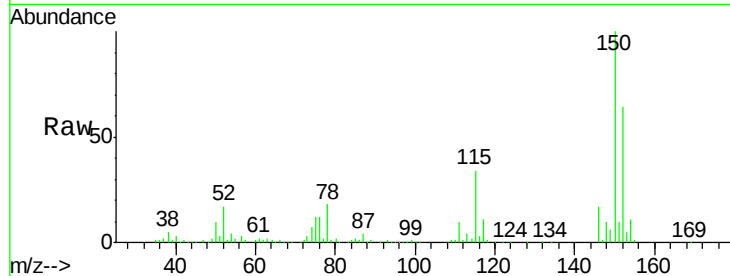
ClientSampleId :

SB-3-7.0-8.0MS

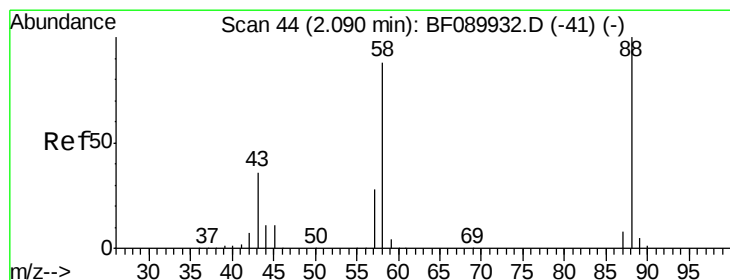
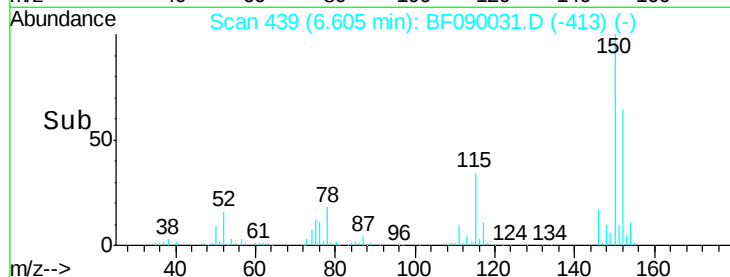
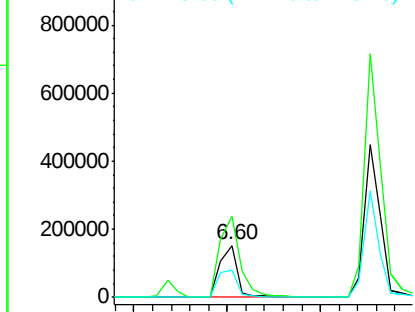
Tgt Ion:	152	Resp:	196996
Ion Ratio	Lower	Upper	
152	100		
150	156.9	127.4	191.2
115	53.4	46.3	69.5

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



#2

1,4-Dioxane

Concen: 26.59 ng

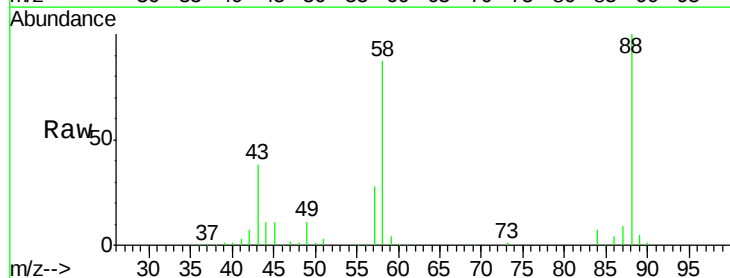
RT: 2.09 min Scan# 44

Delta R.T. 0.06 min

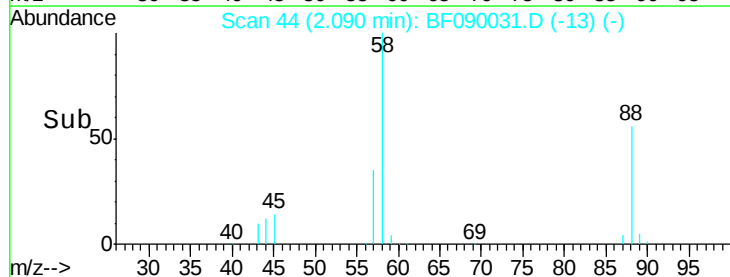
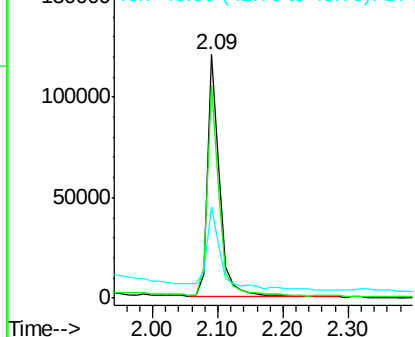
Lab File: BF090031.D

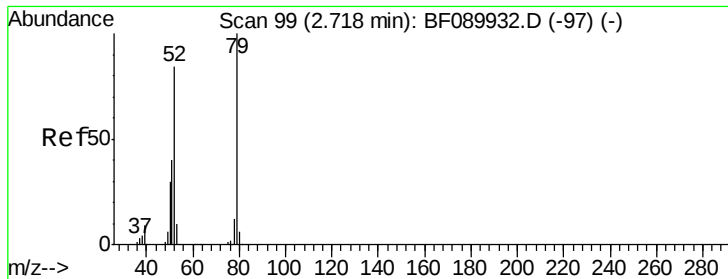
Acq: 8 Sep 2016 18:23

Tgt Ion:	88	Resp:	155037
Ion Ratio	Lower	Upper	
88	100		
58	86.1	68.8	103.2
43	42.8	27.0	40.6#



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





#3

Pyridine

Concen: 21.57 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

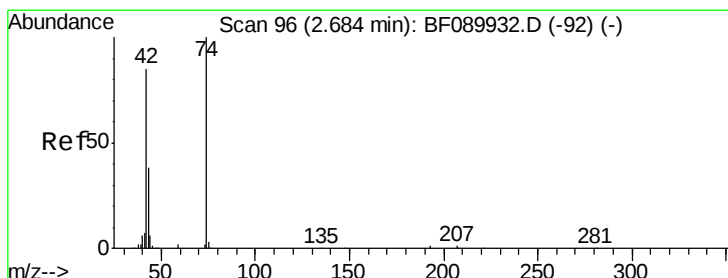
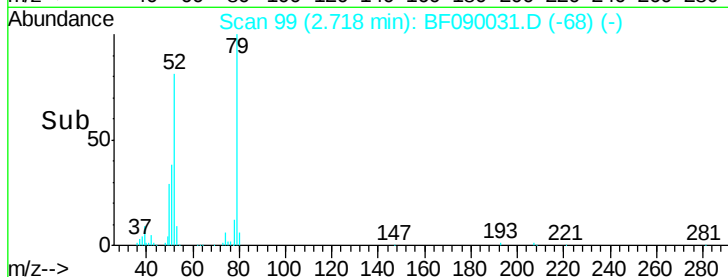
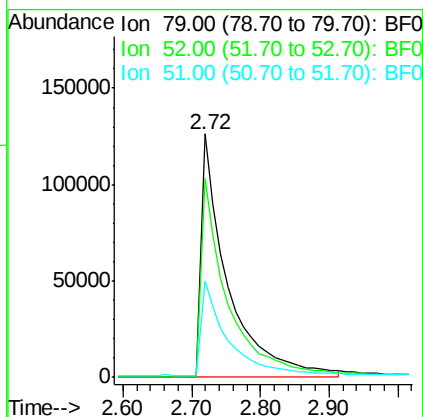
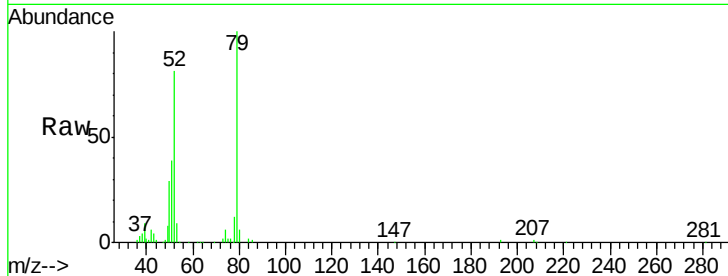
ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:	79	Resp:	335623
Ion Ratio	Lower	Upper	
79	100		
52	81.5	67.8	101.6
51	39.4	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 32.01 ng

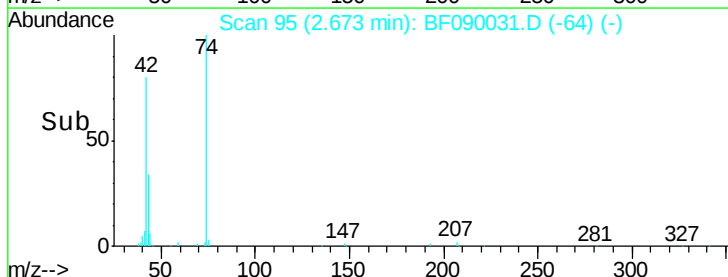
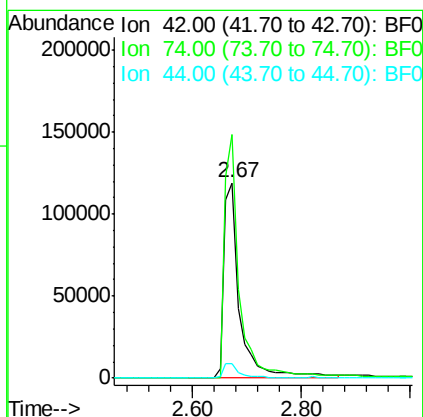
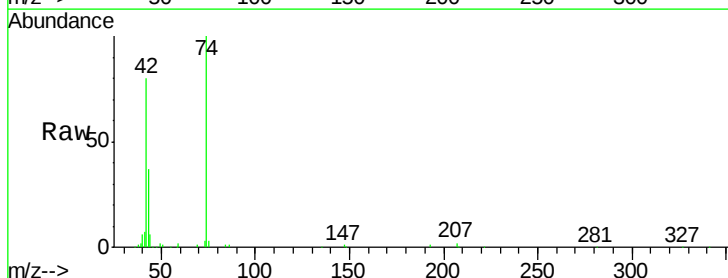
RT: 2.67 min Scan# 95

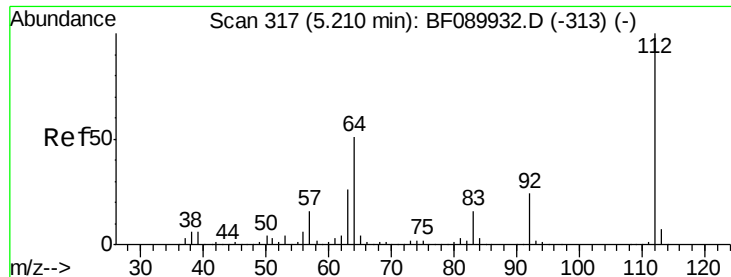
Delta R.T. 0.06 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:	42	Resp:	245587
Ion Ratio	Lower	Upper	
42	100		
74	124.7	92.0	138.0
44	7.5	5.8	8.8





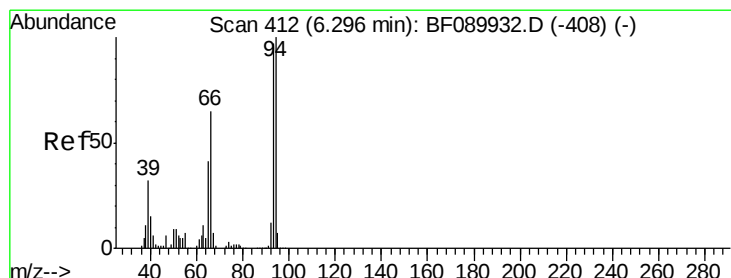
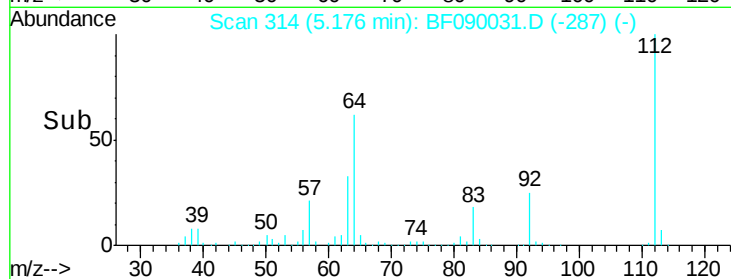
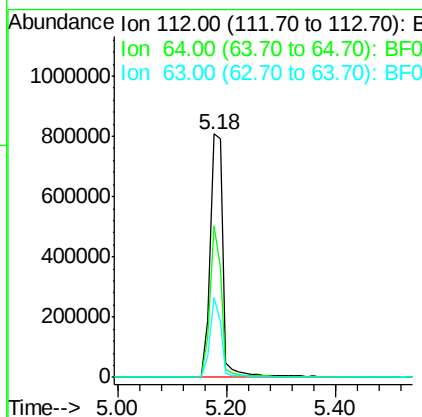
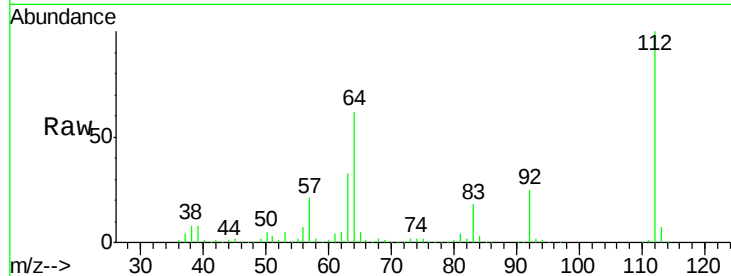
#5
 2-Fluorophenol
 Concen: 110.00 ng
 RT: 5.18 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion: 112 Resp: 1353785
 Ion Ratio Lower Upper
 112 100
 64 62.3 41.1 61.7#
 63 32.6 21.2 31.8#

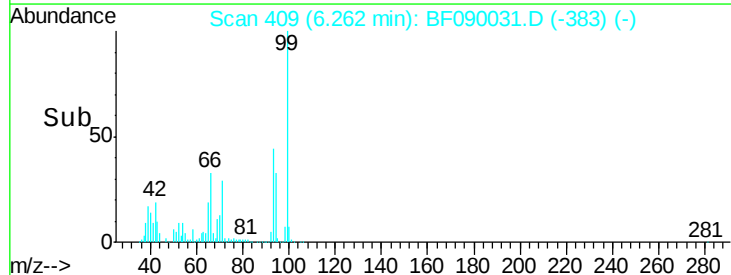
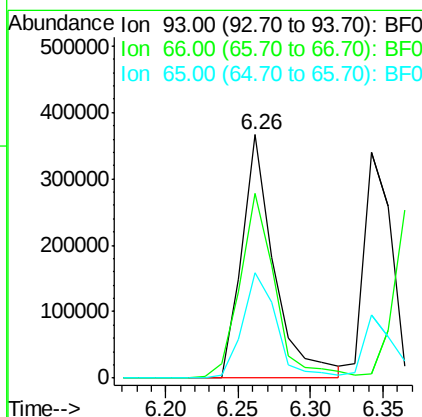
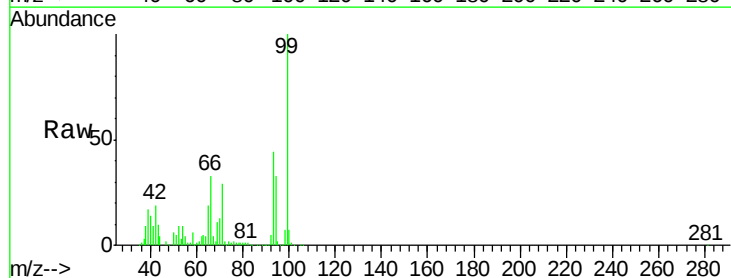
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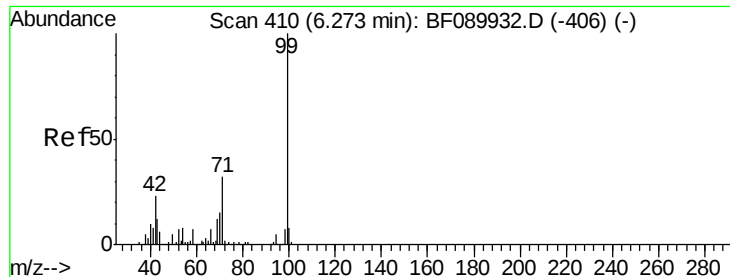
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#6
 Aniline
 Concen: 27.90 ng
 RT: 6.26 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion: 93 Resp: 569359
 Ion Ratio Lower Upper
 93 100
 66 76.0 52.9 79.3
 65 43.2 33.0 49.6





#7

Phenol-d6

Concen: 112.91 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion: 99 Resp: 1688464

Ion Ratio Lower Upper

99 100

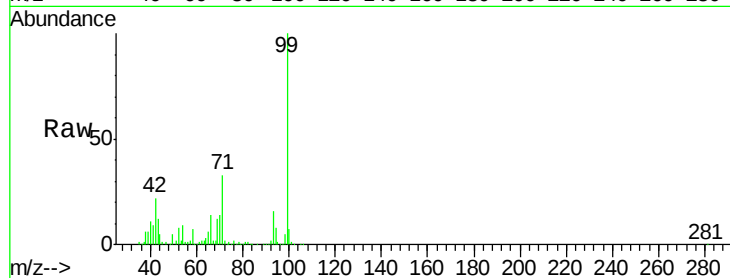
42 22.4 18.6 27.8

71 32.8 25.8 38.6

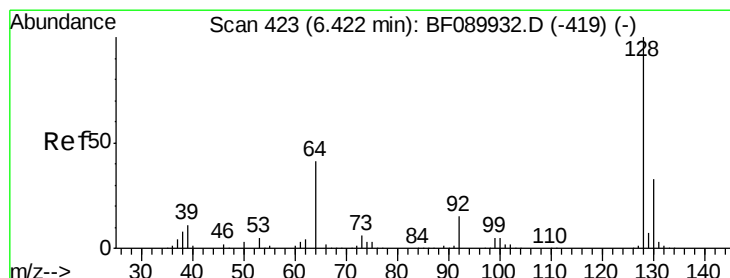
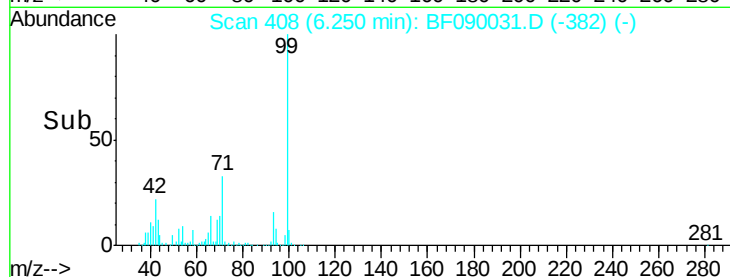
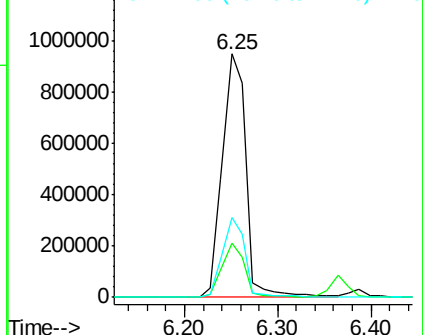
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.34 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

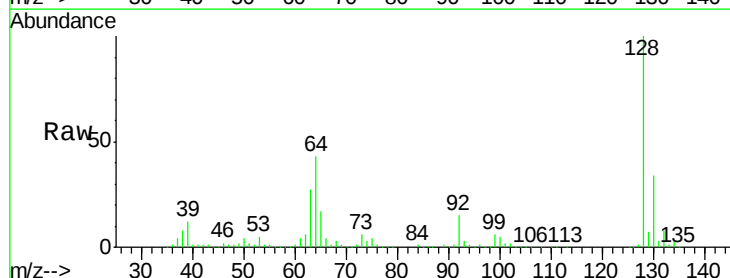
Tgt Ion: 128 Resp: 485157

Ion Ratio Lower Upper

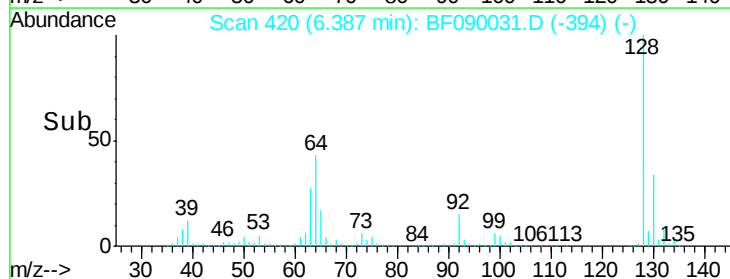
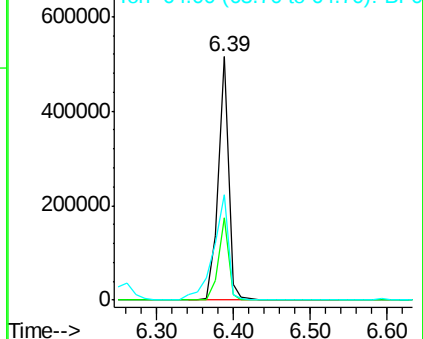
128 100

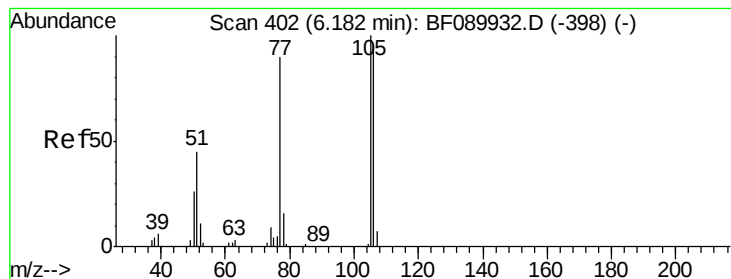
130 33.7 12.8 52.8

64 43.2 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.61 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090031.D

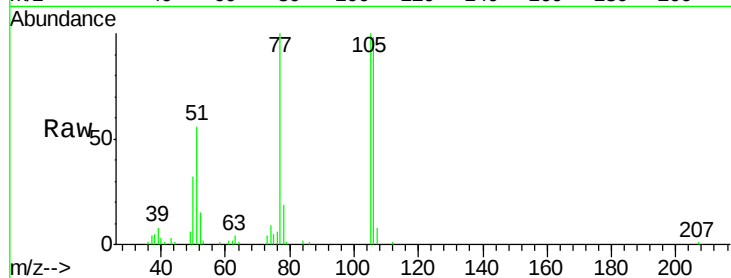
Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampled :

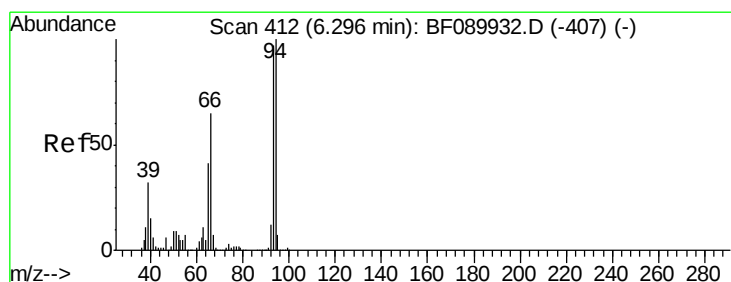
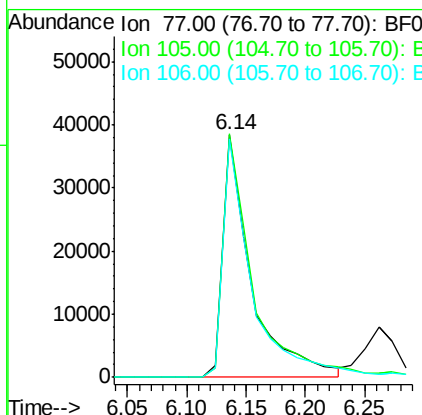
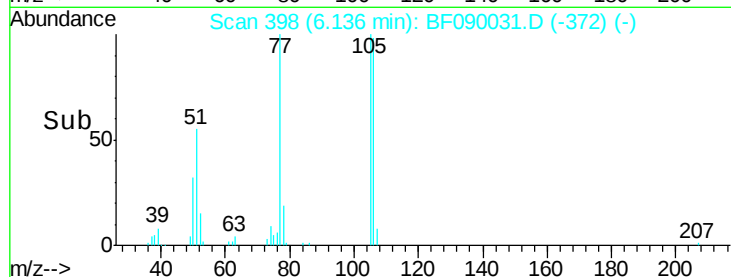
SB-3-7.0-8.0MS



Tgt Ion:	77	Resp:	63726
Ion	Ratio	Lower	Upper
77	100		
105	100.5	85.4	125.4
106	98.4	83.4	123.4

Manual Integrations
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#10

Phenol

Concen: 32.86 ng

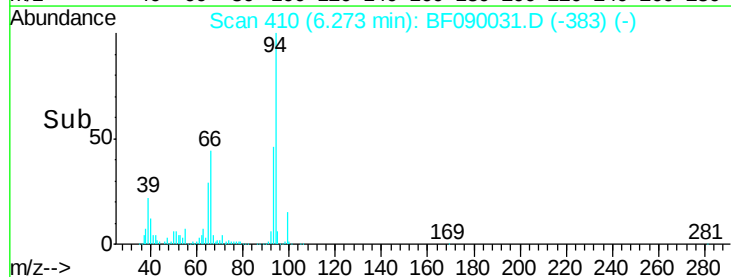
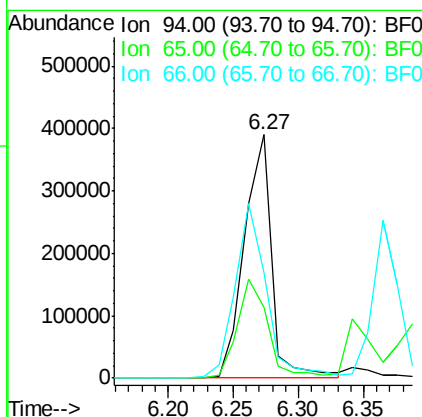
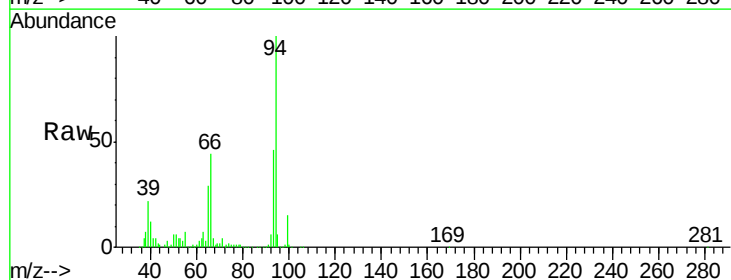
RT: 6.27 min Scan# 410

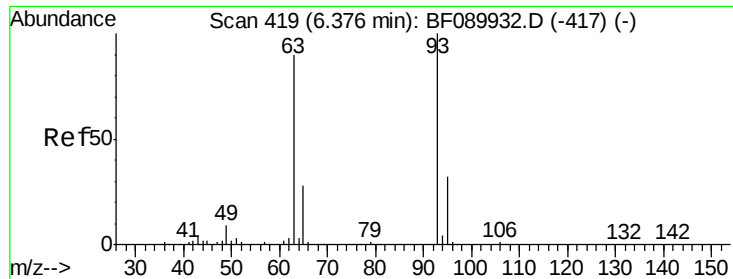
Delta R.T. 0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:	94	Resp:	571506
Ion	Ratio	Lower	Upper
94	100		
65	29.2	23.2	63.2
66	43.5	49.2	89.2#





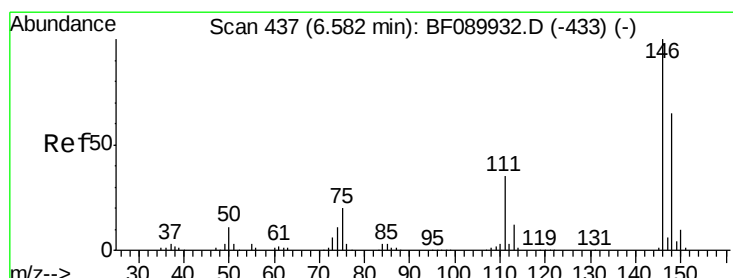
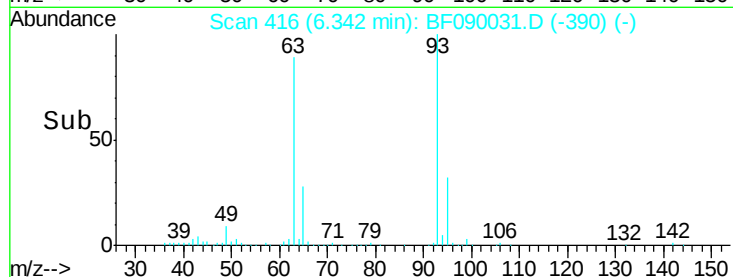
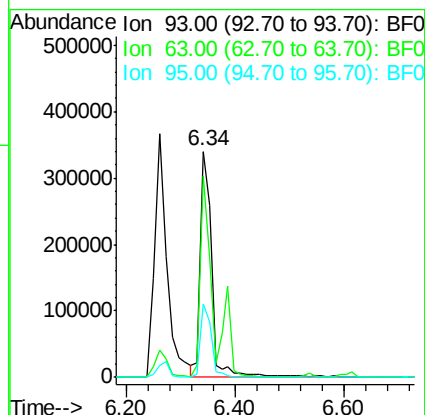
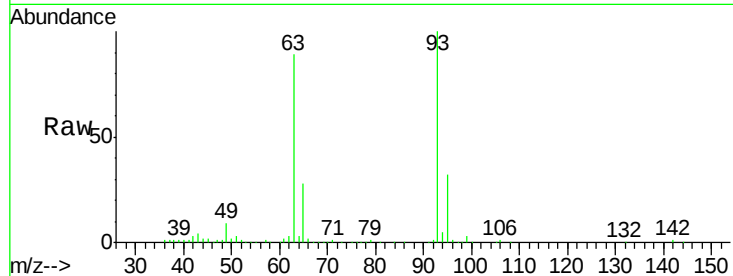
#11
bis(2-Chloroethyl)ether
Concen: 36.42 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	479245		
63	89.0	71.1	111.1	
95	32.4	12.4	52.4	

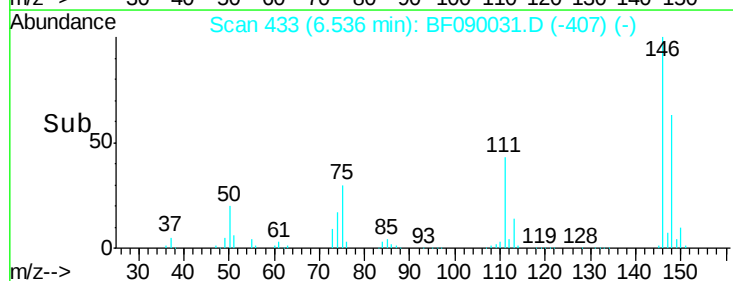
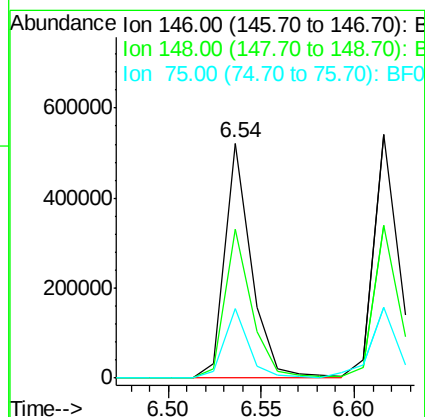
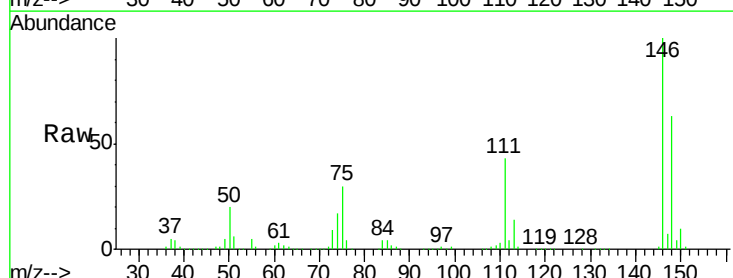
Manual Integrations
APPROVED

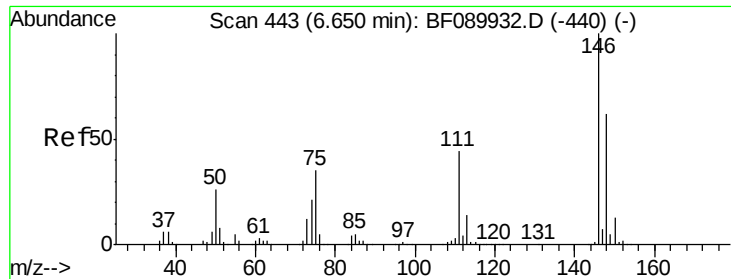
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.76 ng m
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	518354		
148	63.2	52.5	78.7	
75	29.8	16.6	24.8	





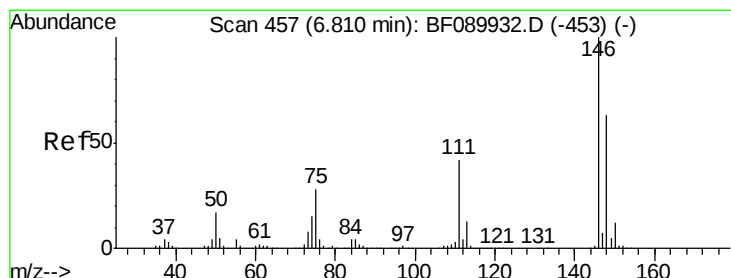
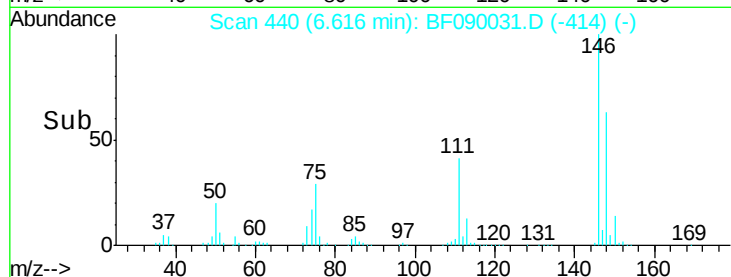
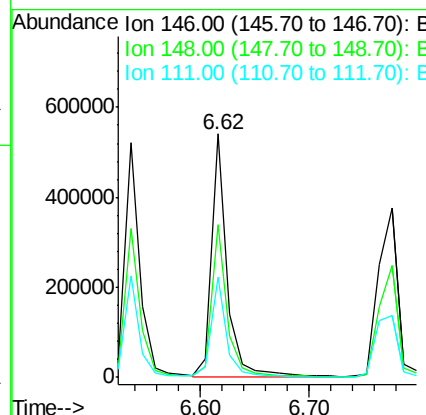
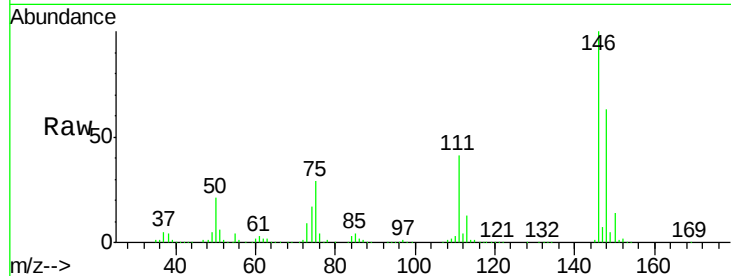
#13
1,4-Dichlorobenzene
Concen: 35.79 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.1	75.1
111	41.3	35.8	53.6

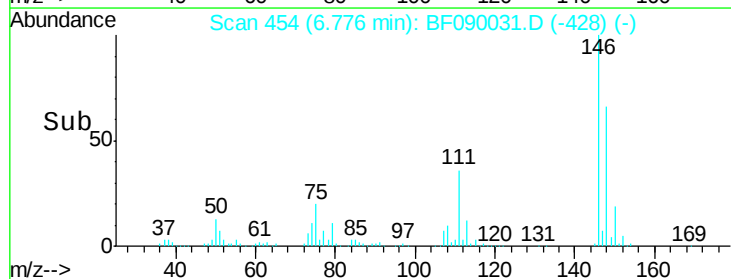
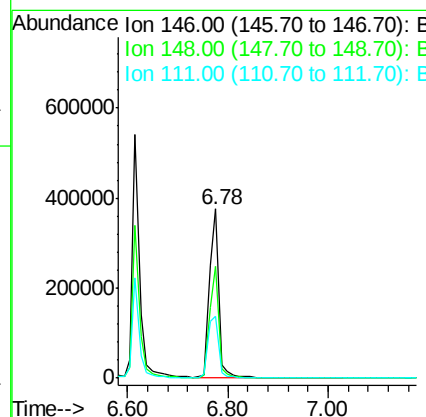
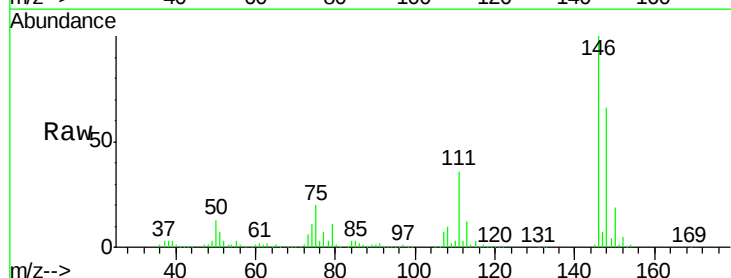
Manual Integrations
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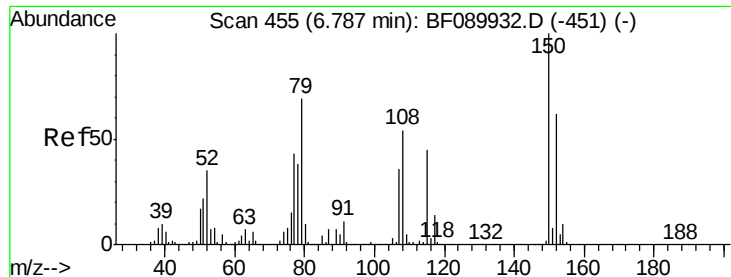
Sohil
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#14
1,2-Dichlorobenzene
Concen: 35.32 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
111	36.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.91 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

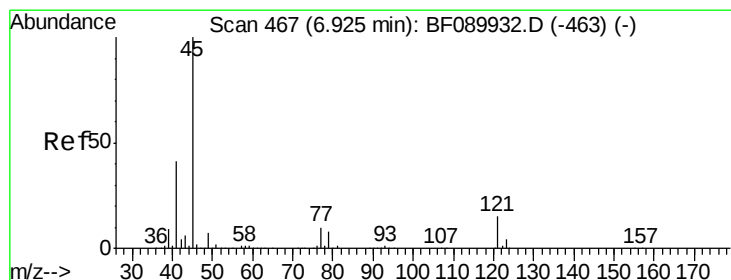
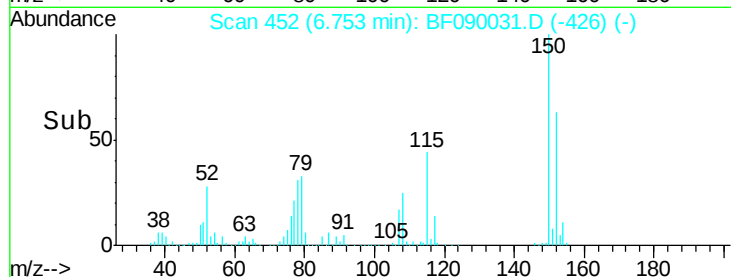
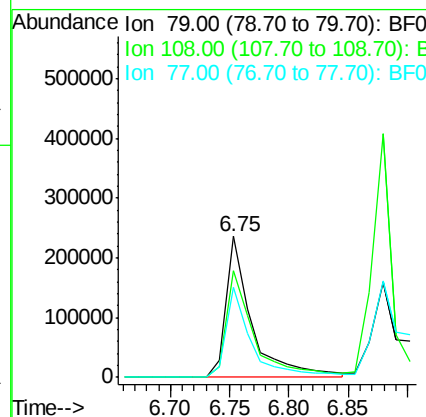
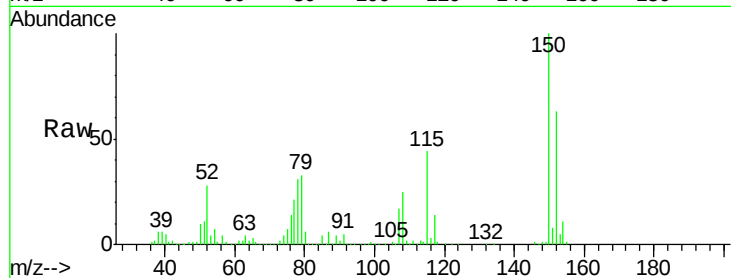
ClientSampled :

SB-3-7.0-8.0MS

Tgt Ion:	79	Resp:	355155
Ion	Ratio	Lower	Upper
79	100		
108	75.7	62.1	93.1
77	64.1	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.69 ng

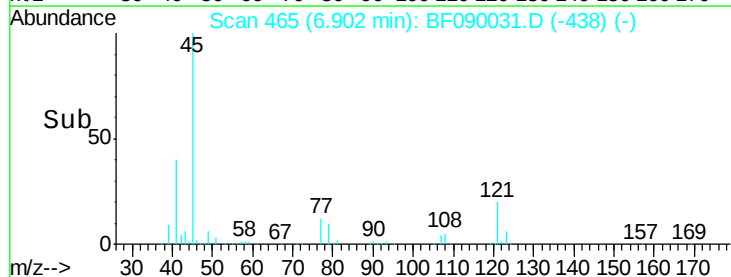
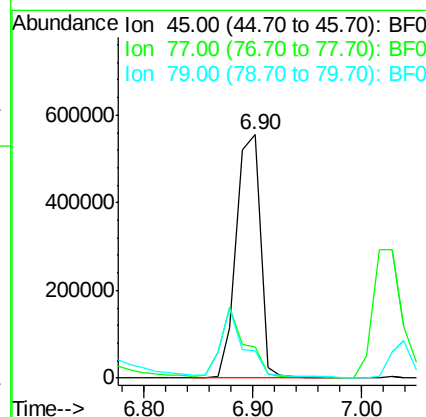
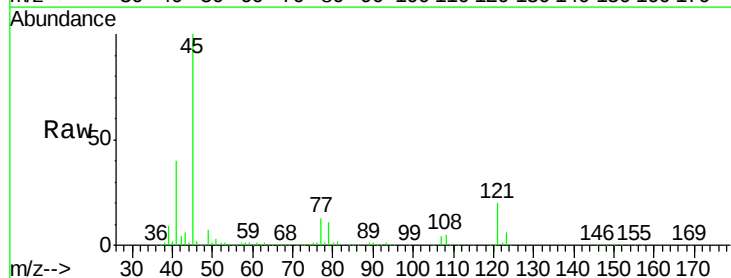
RT: 6.90 min Scan# 465

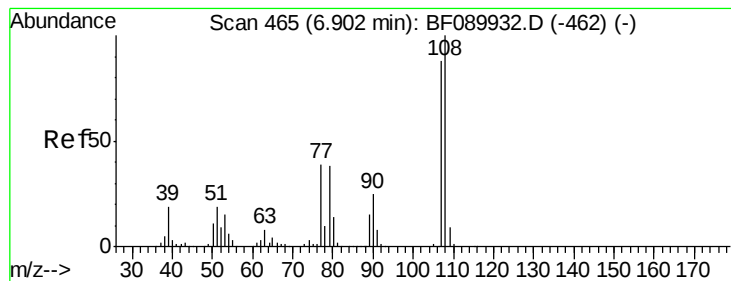
Delta R.T. 0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

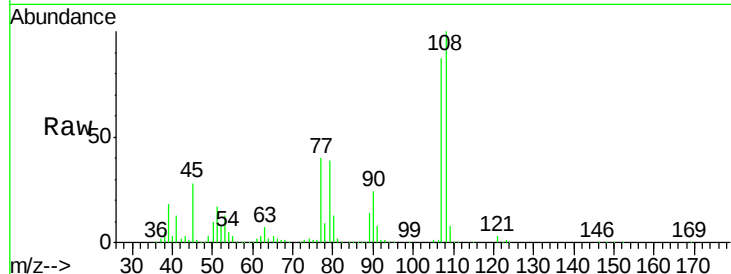
Tgt Ion:	45	Resp:	845316
Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.3
79	11.1	0.0	27.5





#17
2-Methylphenol
Concen: 37.84 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

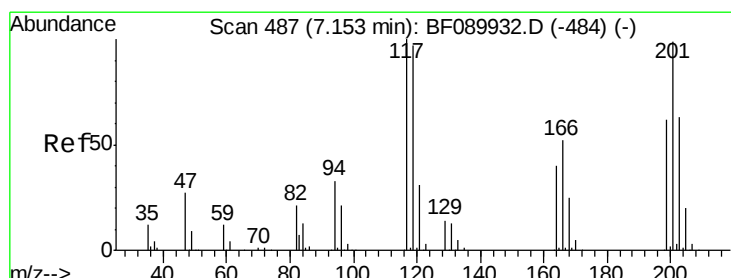
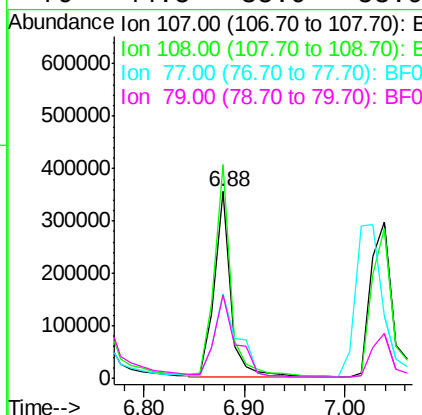
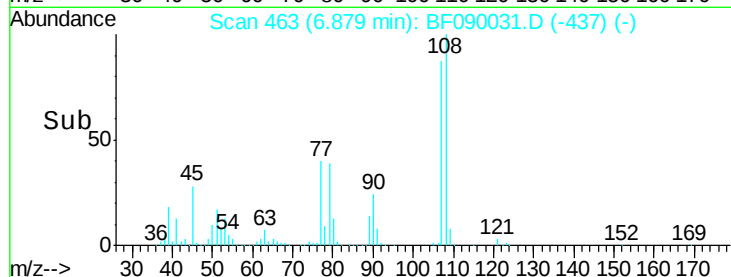
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	91.8	137.6	
77	45.4	36.0	54.0	
79	44.5	35.9	53.9	

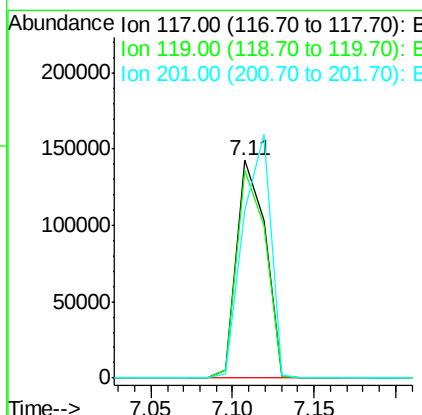
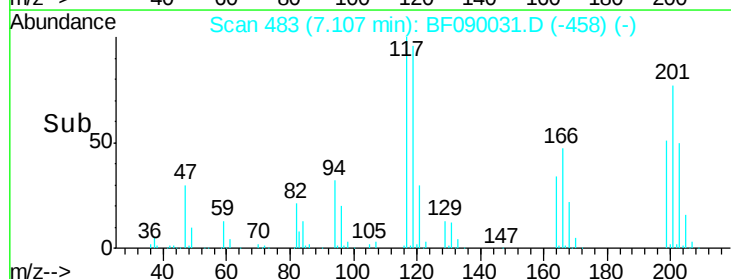
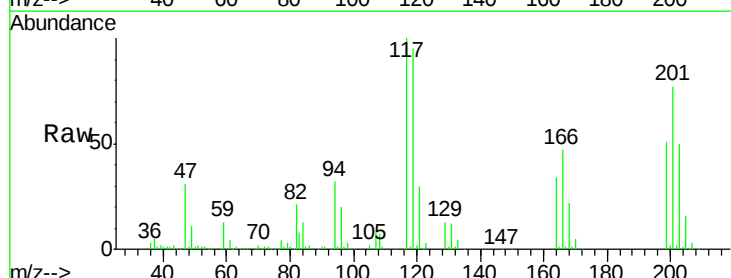
Manual Integrations
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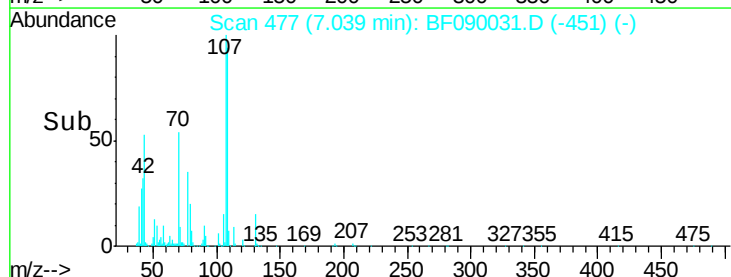
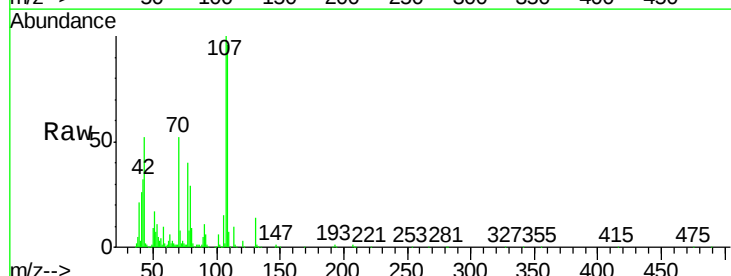
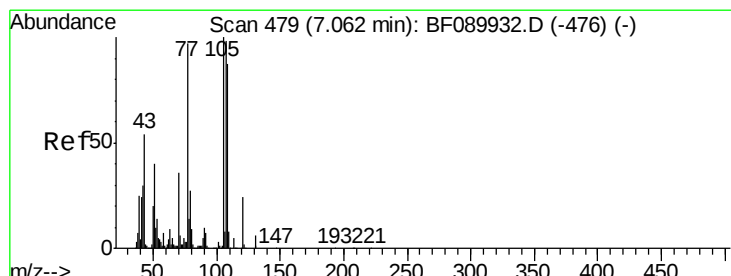
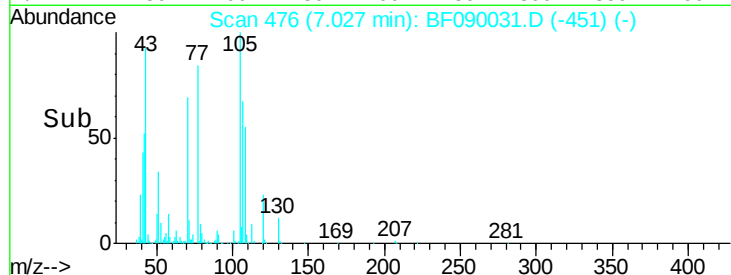
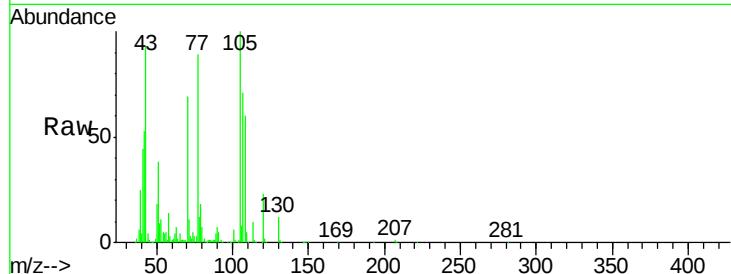
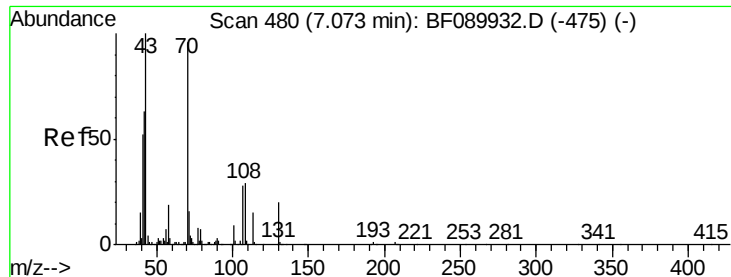
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#18
Hexachloroethane
Concen: 33.10 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

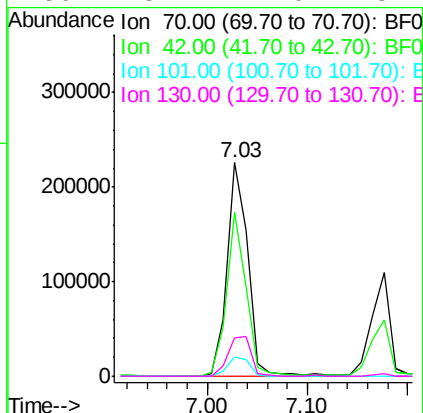
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.2	114.2	
201	76.9	80.2	120.2#	





#19
n-Nitroso-di-n-propylamine
Concen: 33.33 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	76.8	52.1	78.1
101	9.0	7.4	11.2
130	18.1	17.0	25.4



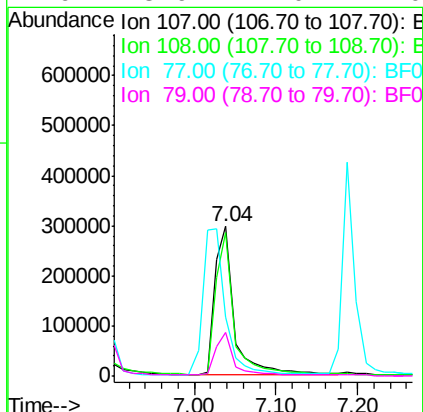
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

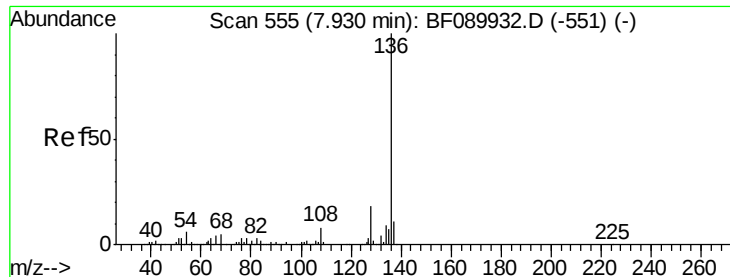
Manual Integrations
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#20
3+4-Methylphenols
Concen: 38.10 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.9	70.2	110.2
77	39.8	75.7	115.7#
79	28.9	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

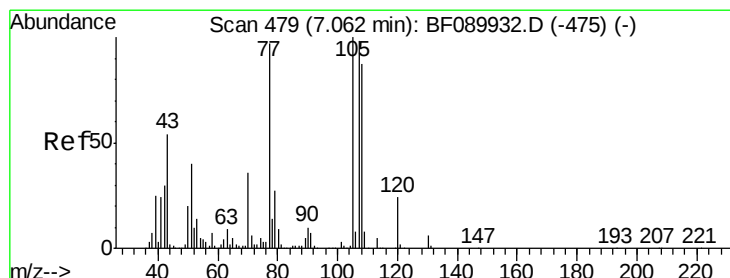
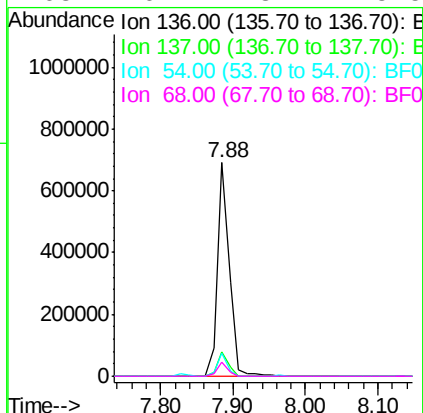
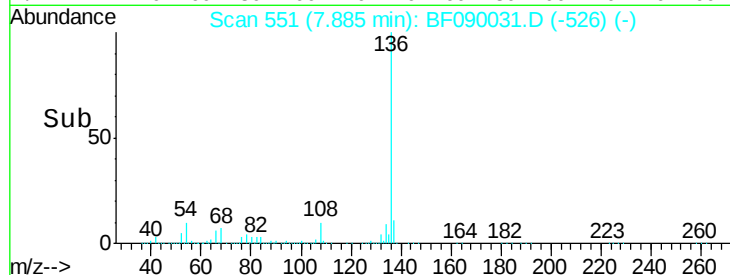
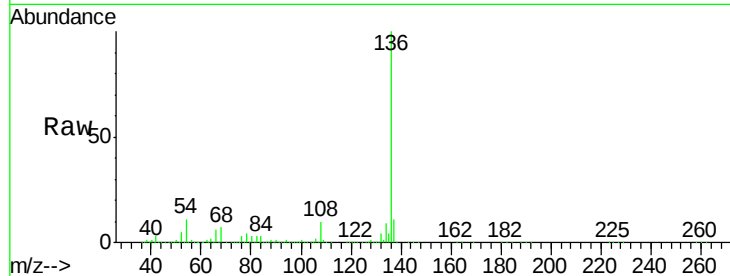
ClientSampled :

SB-3-7.0-8.0MS

Tgt Ion:	136	Resp:	781571
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.3	12.5
54	10.5	4.8	7.2#
68	6.7	3.7	5.5#

Manual Integrations
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#22

Acetophenone

Concen: 34.34 ng

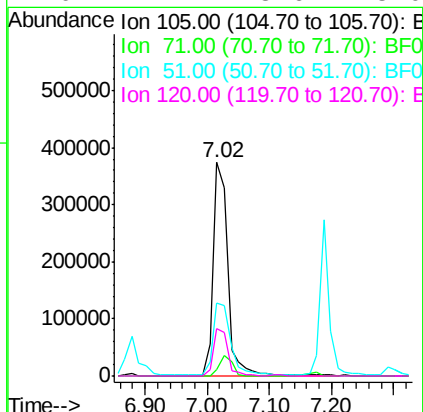
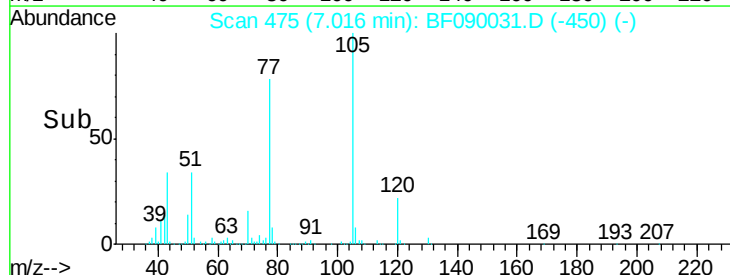
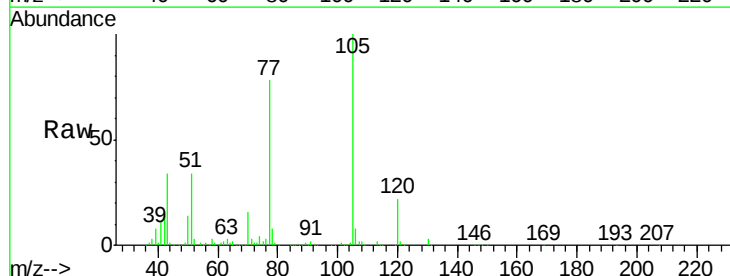
RT: 7.02 min Scan# 475

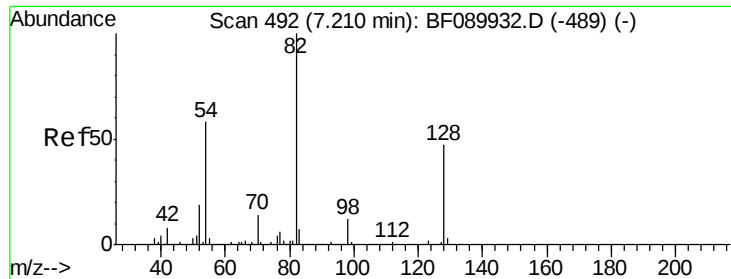
Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:	105	Resp:	602094
Ion Ratio	Lower	Upper	
105	100		
71	2.8	5.3	7.9#
51	34.1	32.6	48.8
120	22.1	18.6	28.0





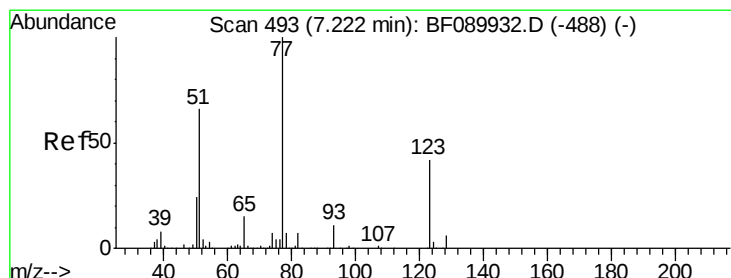
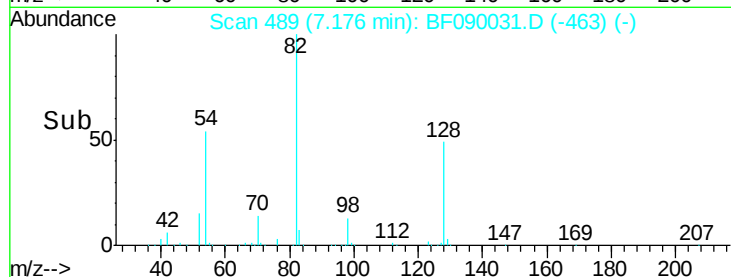
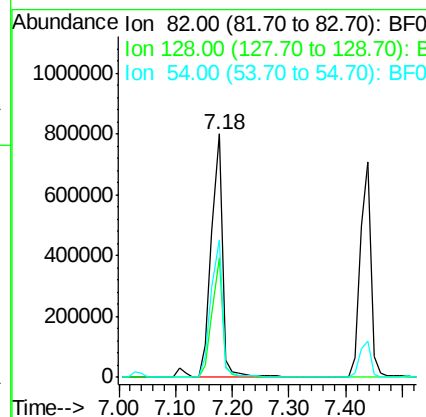
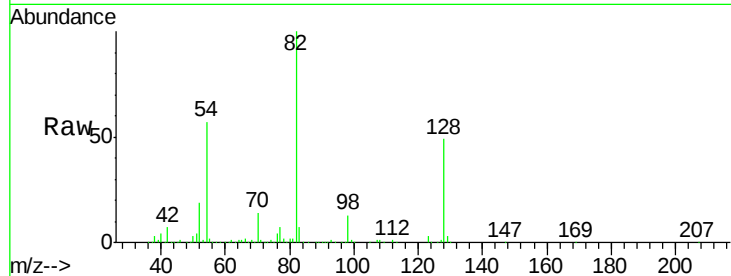
#23
 Nitrobenzene-d5
 Concen: 77.93 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion: 82 Resp: 1050210
 Ion Ratio Lower Upper
 82 100
 128 49.3 37.8 56.8
 54 56.6 46.9 70.3

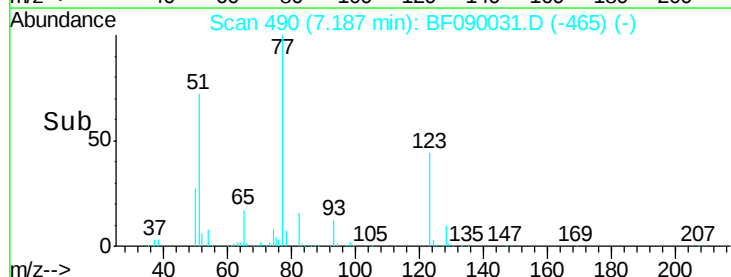
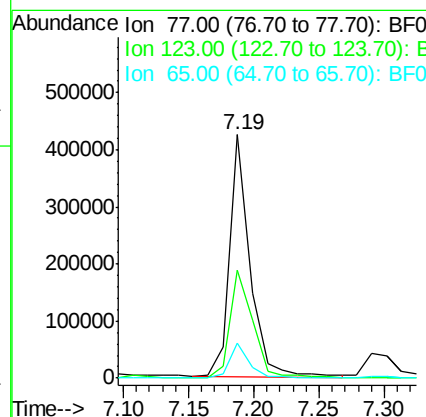
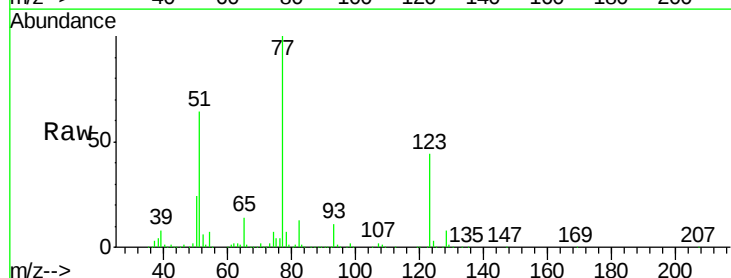
Manual Integrations
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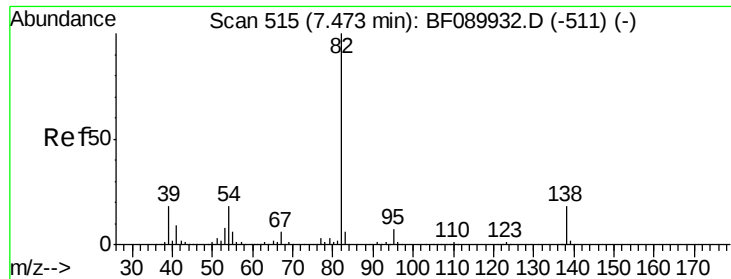
Sohil
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#24
 Nitrobenzene
 Concen: 32.61 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion: 77 Resp: 467154
 Ion Ratio Lower Upper
 77 100
 123 44.1 32.0 48.0
 65 14.5 11.2 16.8





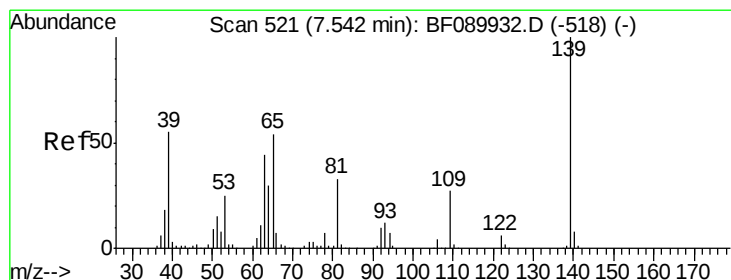
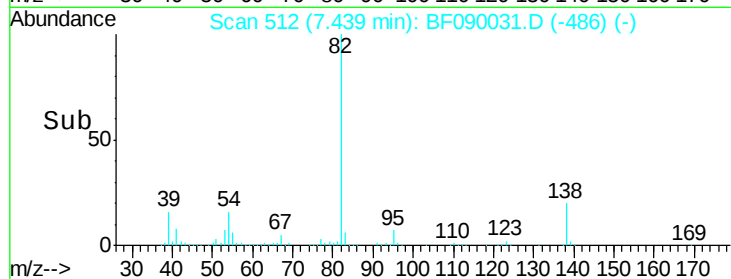
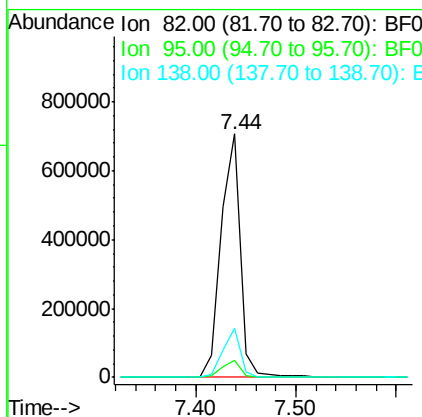
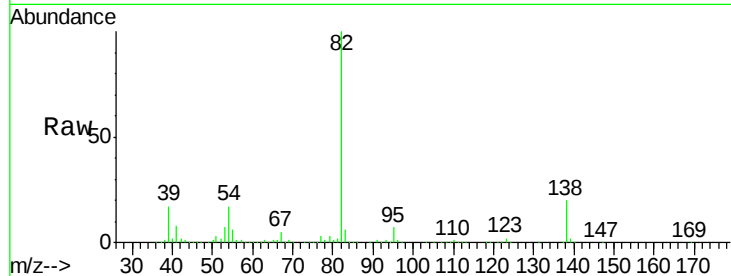
#25
Isophorone
Concen: 34.35 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	20.3	14.4	21.6

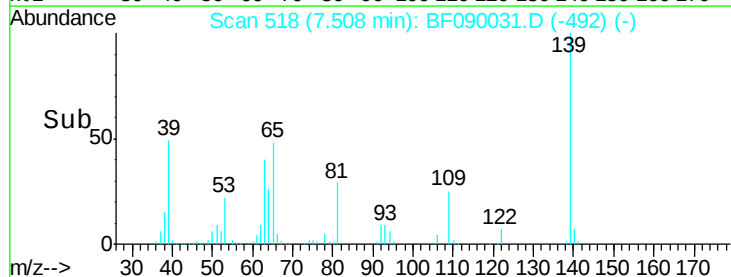
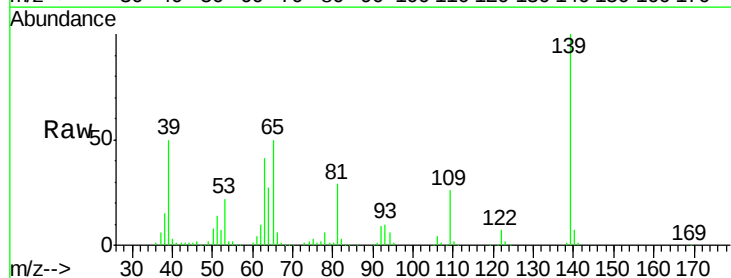
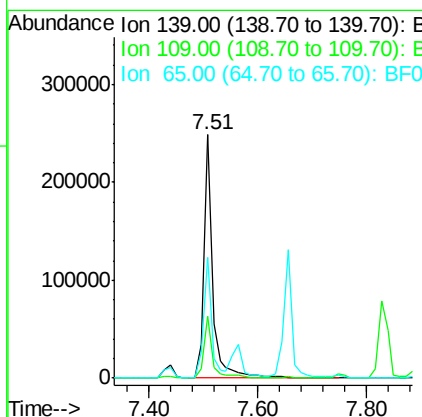
Manual Integrations
APPROVED

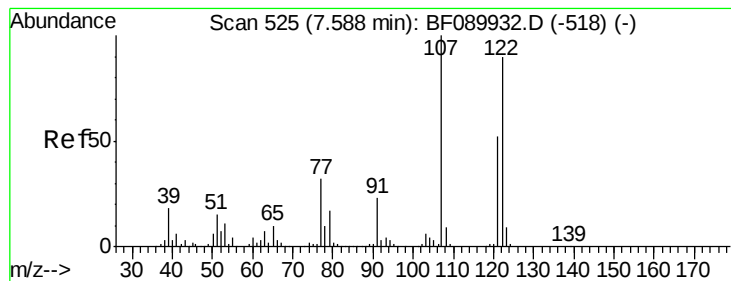
Sohil
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#26
2-Nitrophenol
Concen: 40.38 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.5	21.0	31.4
65	49.6	43.4	65.0





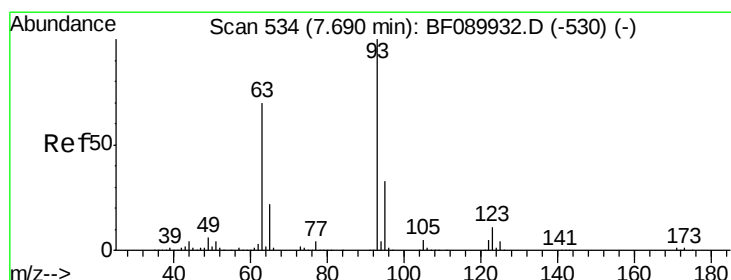
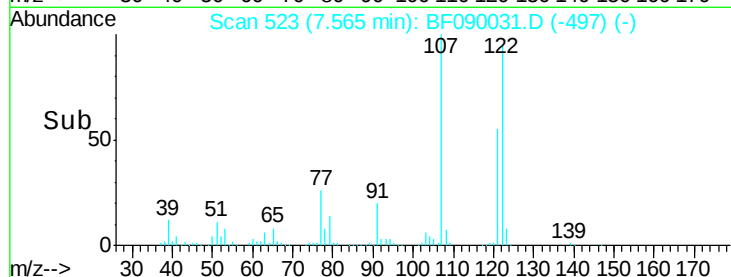
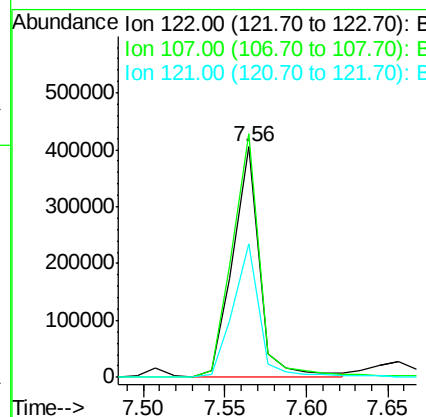
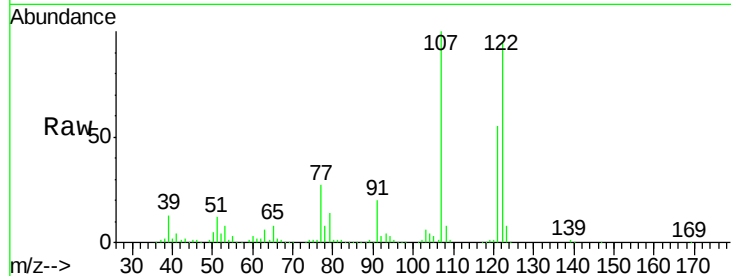
#27
 2,4-Dimethylphenol
 Concen: 36.16 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	458154		
107	105.7	88.5	132.7	
121	57.7	46.0	69.0	

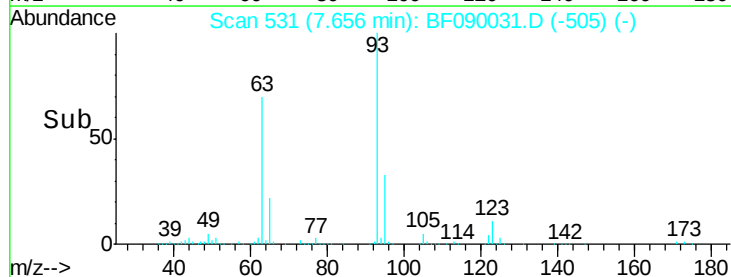
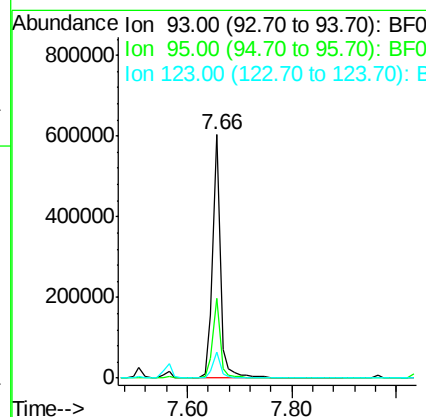
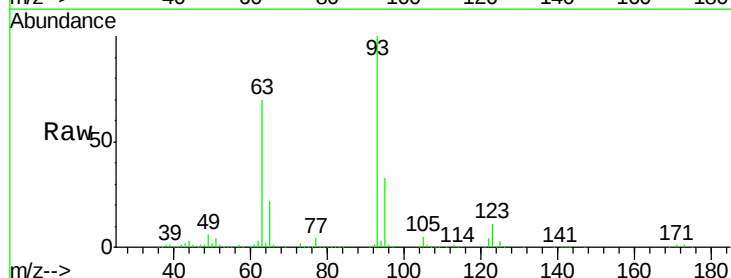
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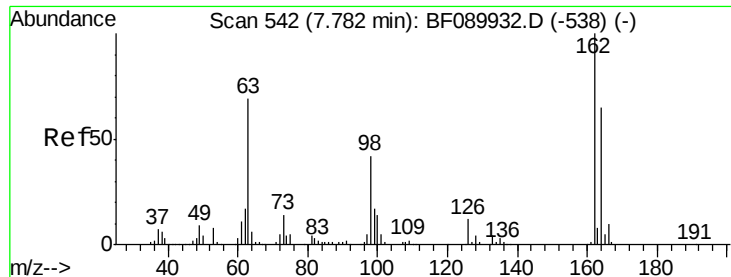
Sohil
 9/9/2016 8:39:09 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.89 ng
 RT: 7.66 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	626315		
95	32.8	26.6	40.0	
123	10.9	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 37.86 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

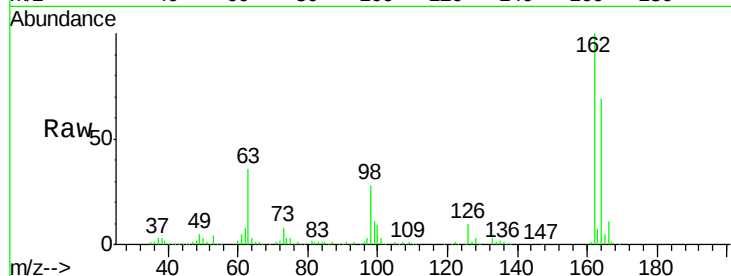
ClientSampleId :

SB-3-7.0-8.0MS

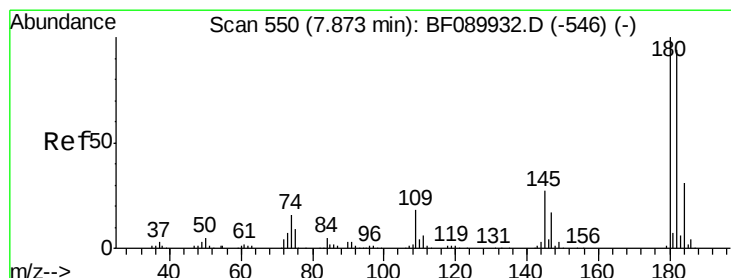
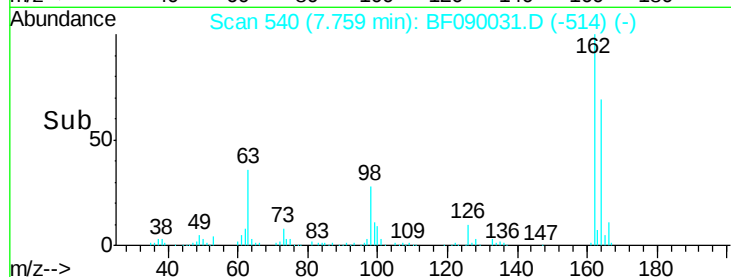
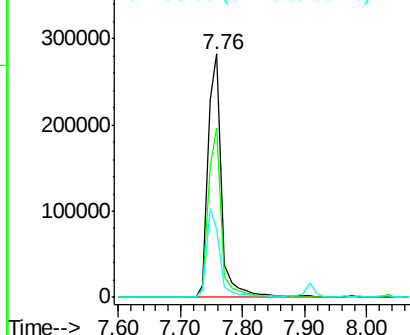
Tgt Ion:	162	Resp:	429981
Ion Ratio	Lower	Upper	
162	100		
164	69.3	46.6	86.6
98	27.9	22.0	62.0

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.09 ng

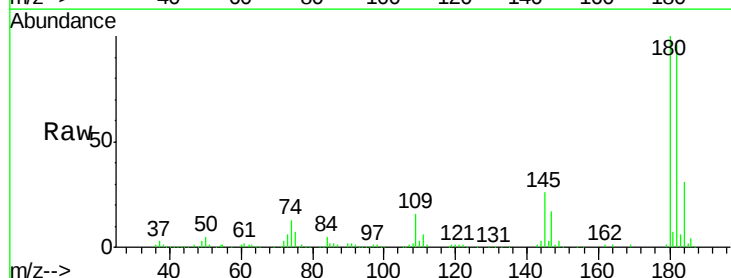
RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

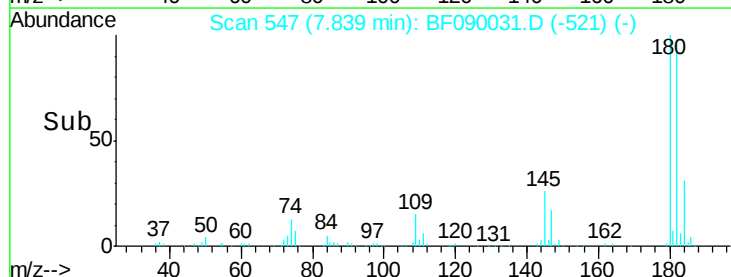
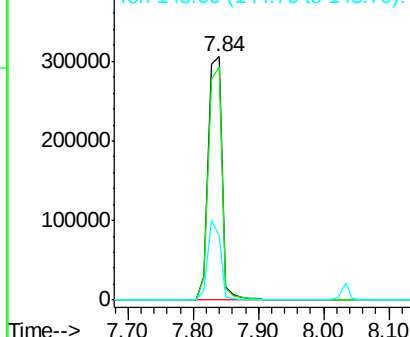
Lab File: BF090031.D

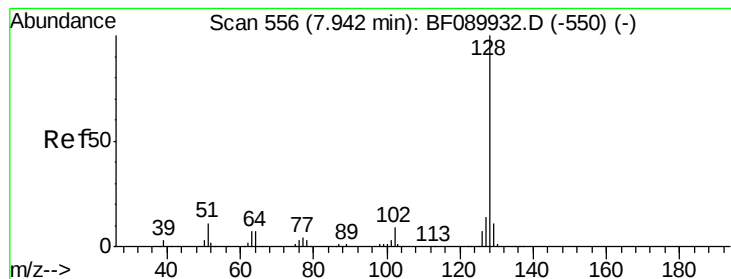
Acq: 8 Sep 2016 18:23

Tgt Ion:	180	Resp:	460598
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.2	114.2
145	26.5	22.2	33.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.18 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:128 Resp: 1330739

Ion Ratio Lower Upper

128 100

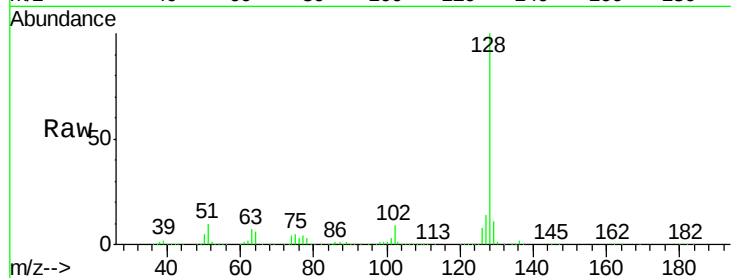
129 11.4 9.4 14.0

127 13.6 10.7 16.1

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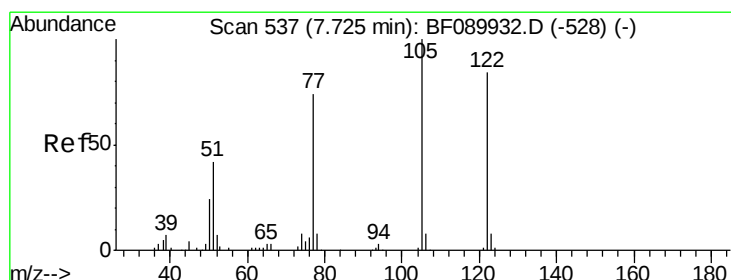
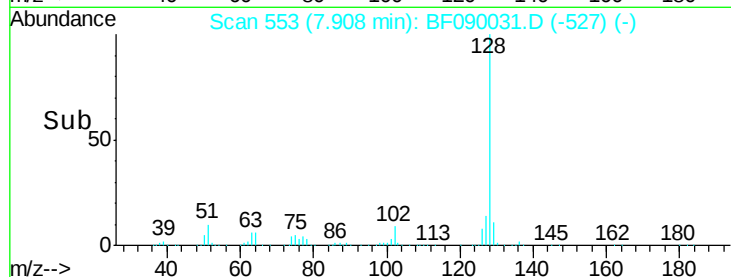
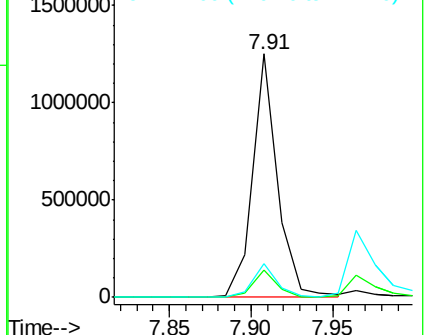
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.36 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

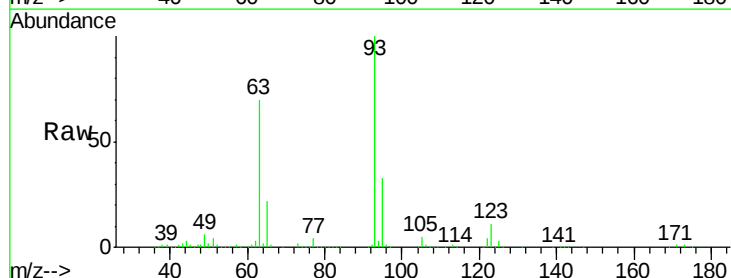
Tgt Ion:122 Resp: 71339

Ion Ratio Lower Upper

122 100

105 105.6 102.2 142.2

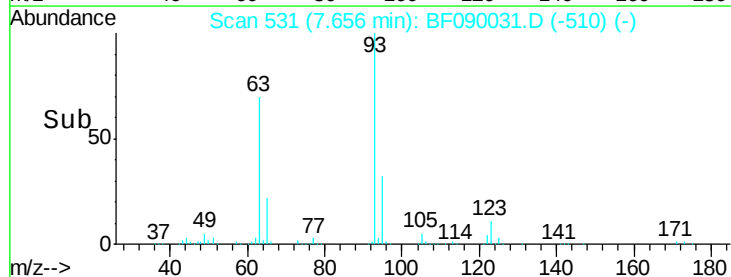
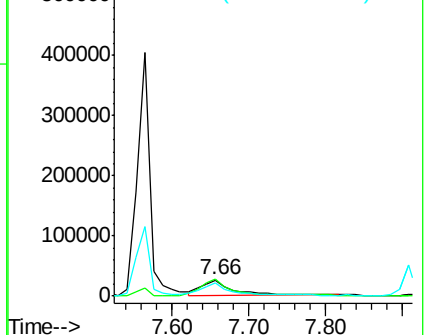
77 80.6 74.1 114.1

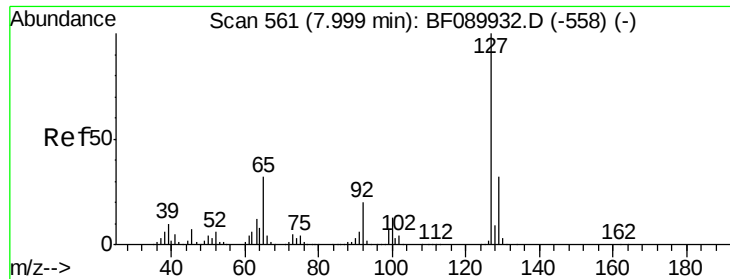


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





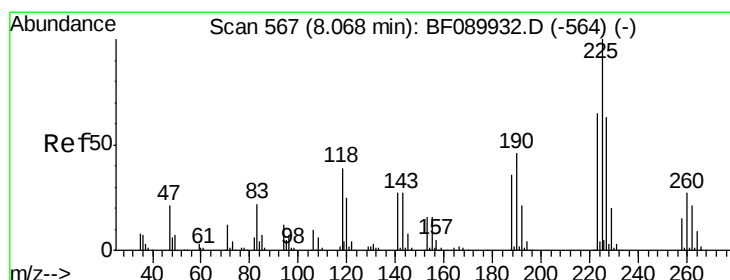
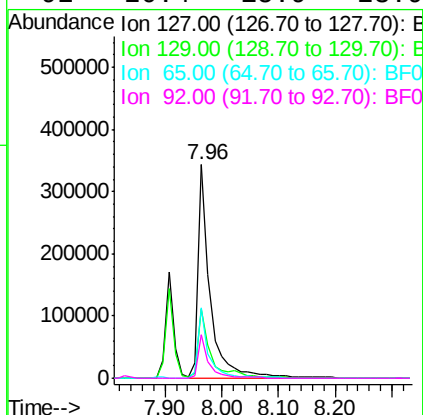
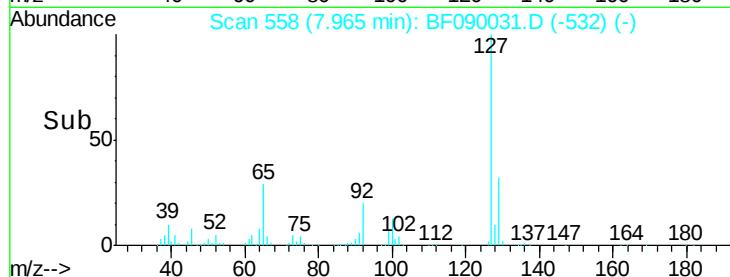
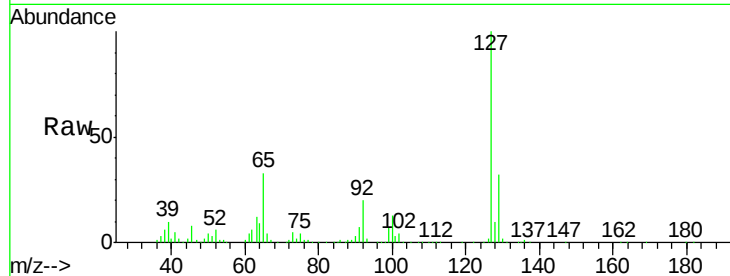
#33
4-Chloroaniline
Concen: 31.51 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	495019		
129	32.2	25.9	38.9	
65	33.0	26.0	39.0	
92	20.4	15.9	23.9	

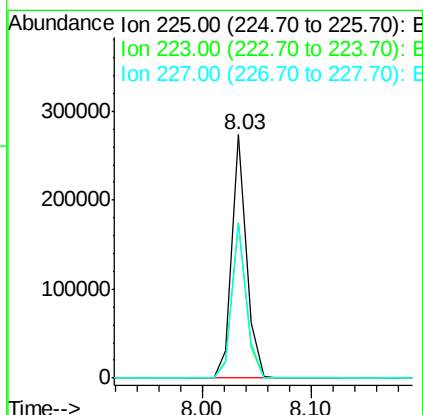
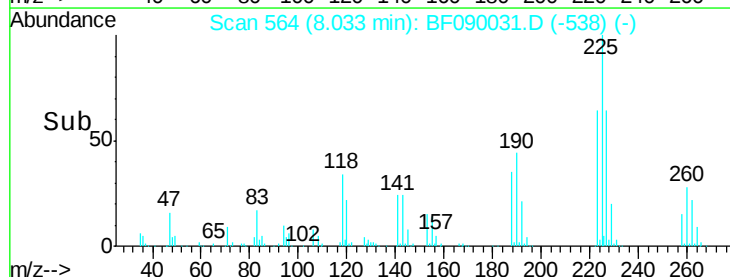
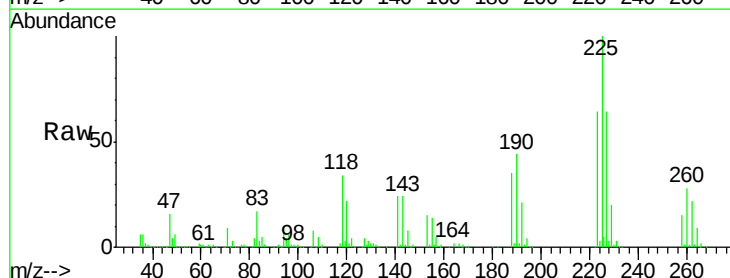
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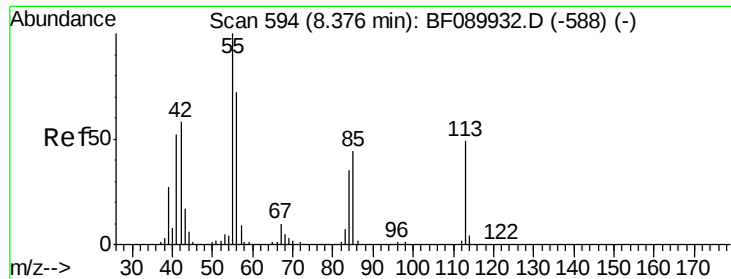
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#34
Hexachlorobutadiene
Concen: 34.84 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	253491		
223	63.6	52.6	78.8	
227	63.6	50.8	76.2	





#35

Caprolactam

Concen: 36.15 ng m

RT: 8.34 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:113 Resp: 129583

Ion Ratio Lower Upper

113 100

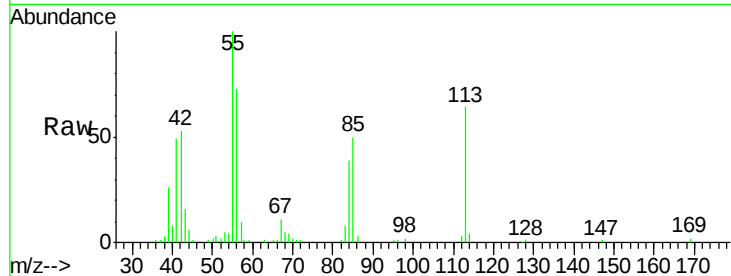
55 157.0 178.5 218.5#

56 115.1 122.7 162.7#

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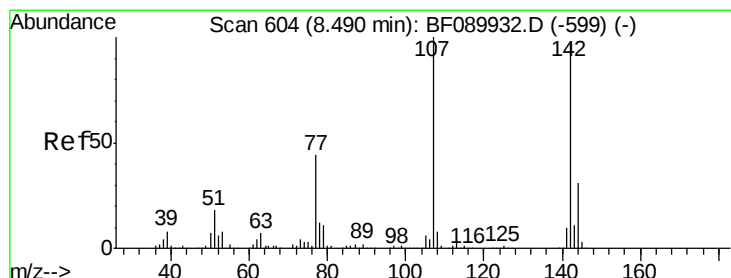
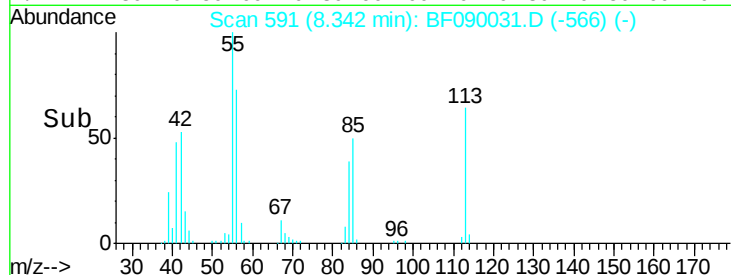
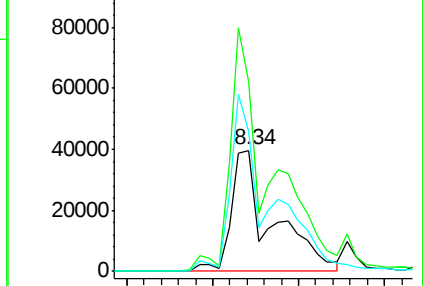
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.19 ng

RT: 8.46 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

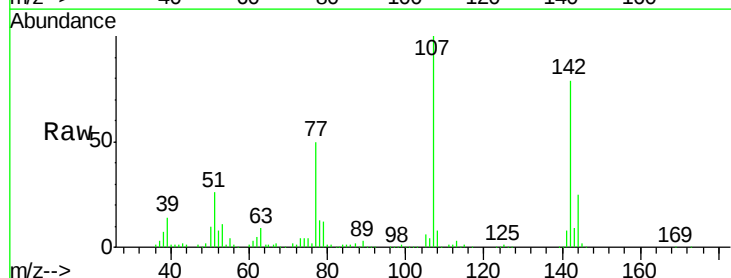
Tgt Ion:107 Resp: 423316

Ion Ratio Lower Upper

107 100

144 24.9 25.8 38.8#

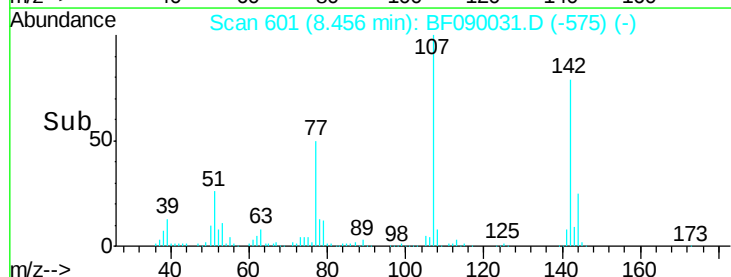
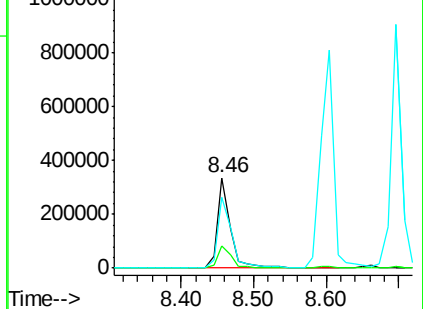
142 78.7 79.2 118.8#

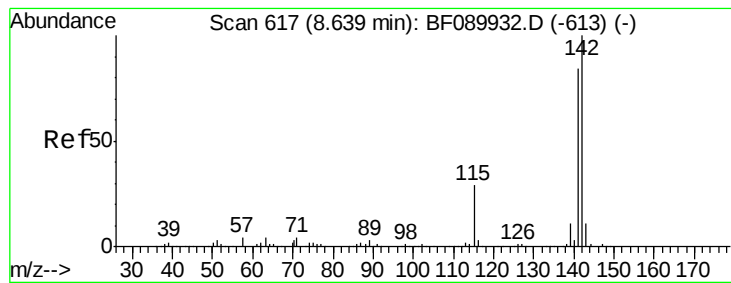


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





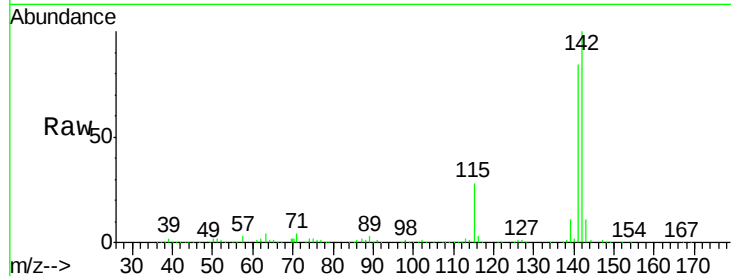
#37
2-Methylnaphthalene
Concen: 38.43 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

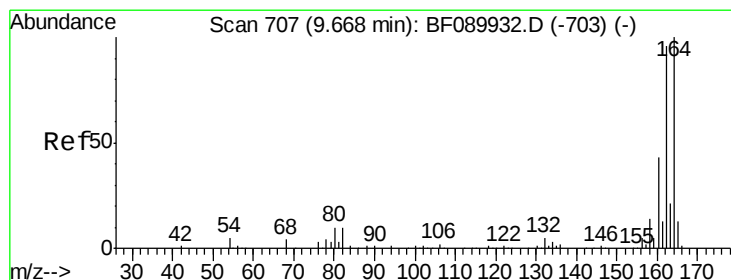
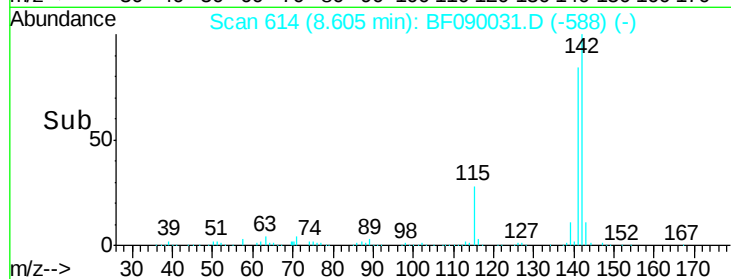
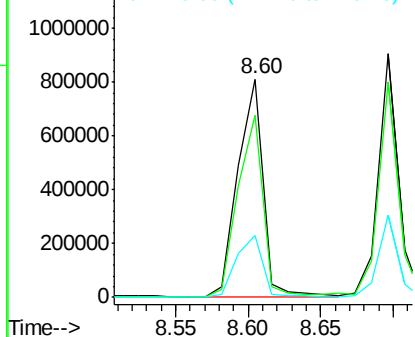
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.6	68.3	102.5
115	28.1	23.8	35.8

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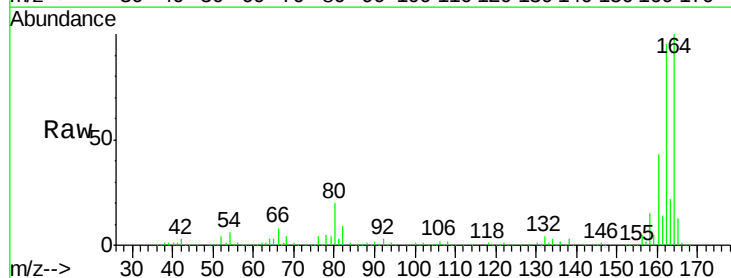


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

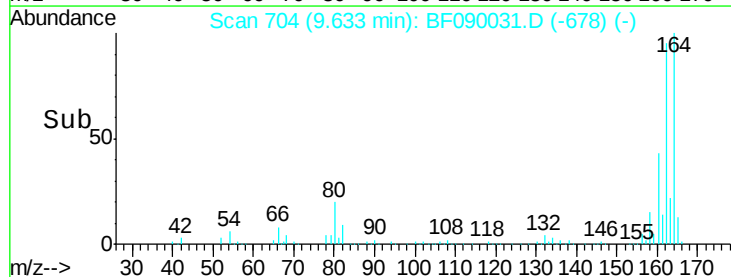
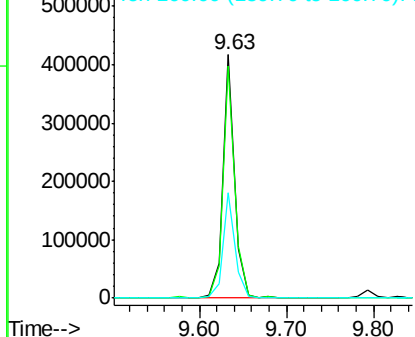


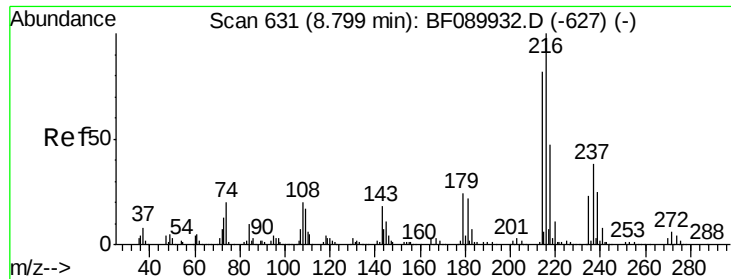
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.1	115.7
160	43.0	35.3	52.9



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





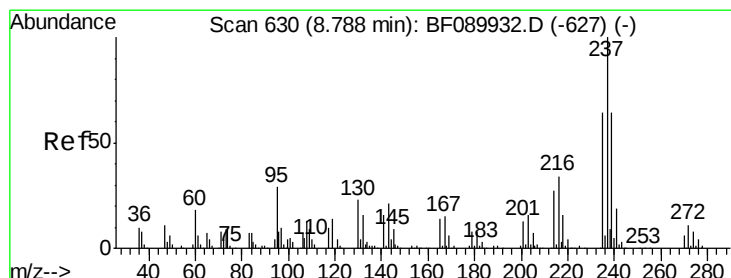
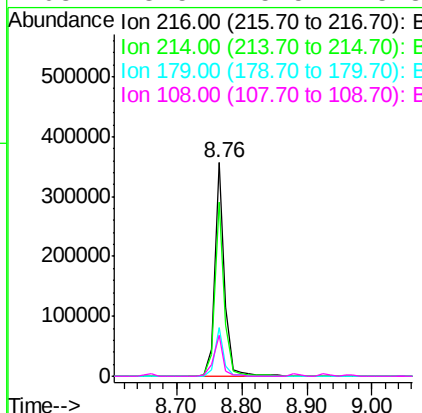
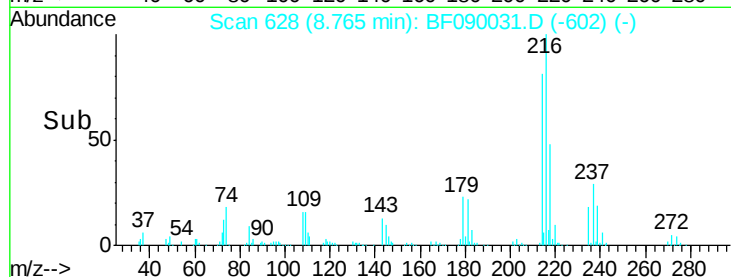
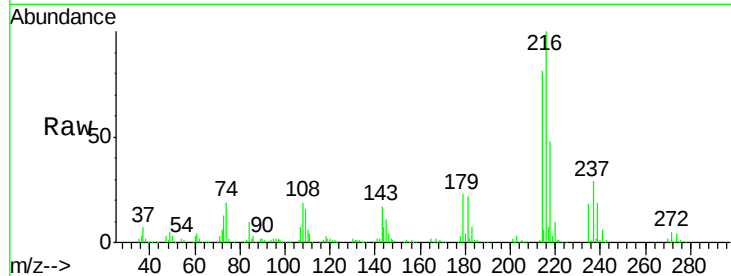
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.50 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampled :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	21.2	17.3	25.9
108	18.5	15.5	23.3

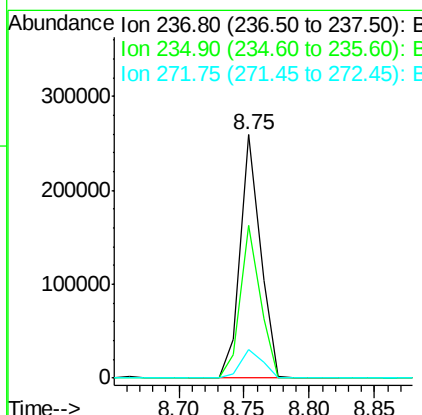
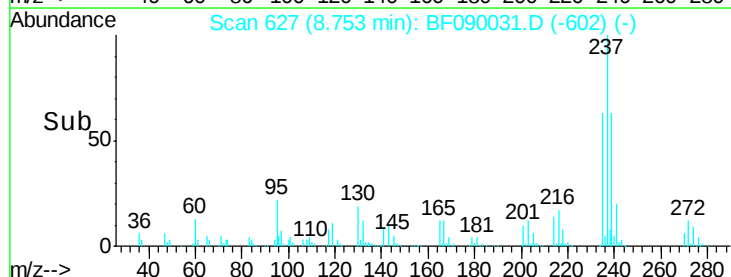
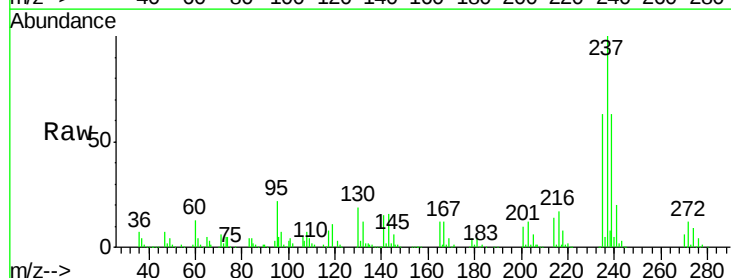
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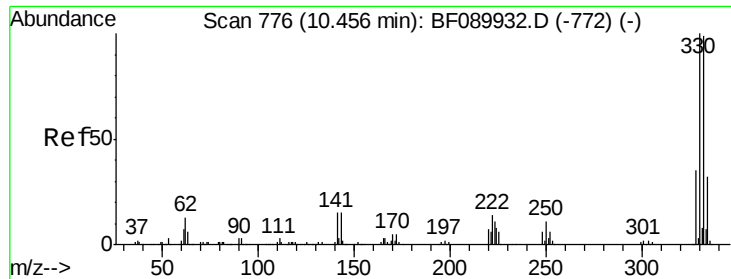
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#40
 Hexachlorocyclopentadiene
 Concen: 46.89 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	39.6	79.6
272	11.8	0.0	34.6





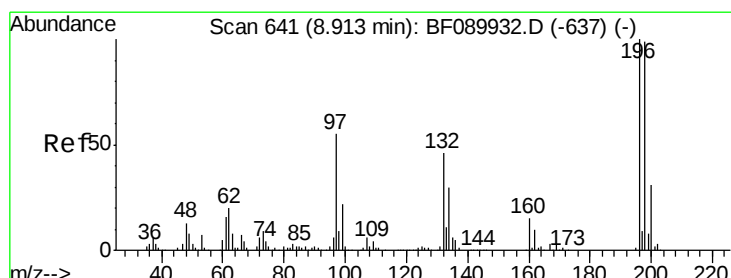
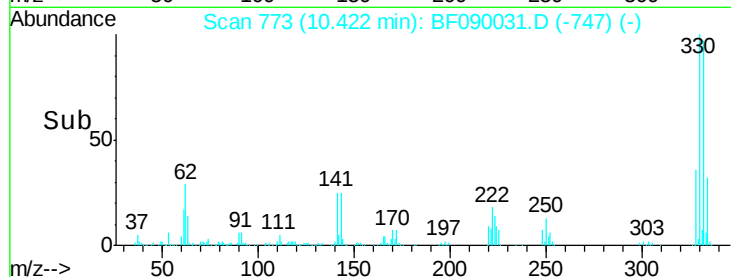
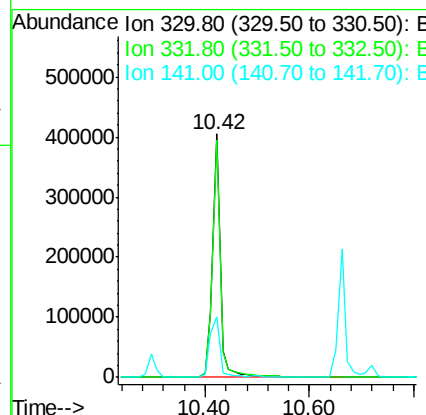
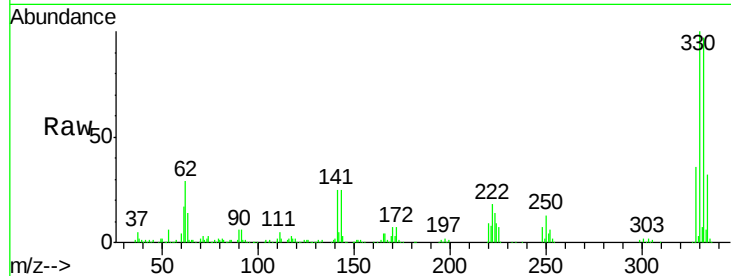
#41
 2,4,6-Tribromophenol
 Concen: 108.35 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	423670		
332	97.7	78.6	117.8	
141	31.9	23.3	34.9	

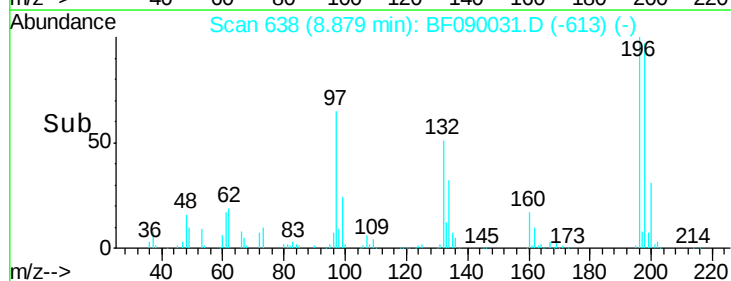
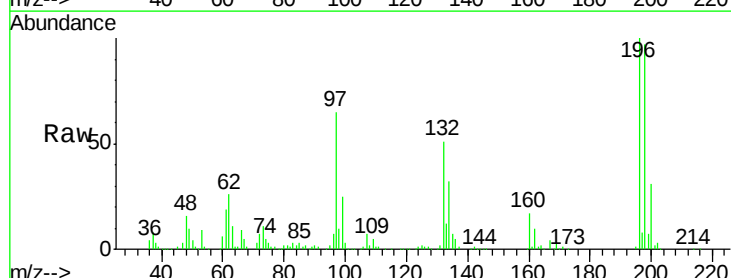
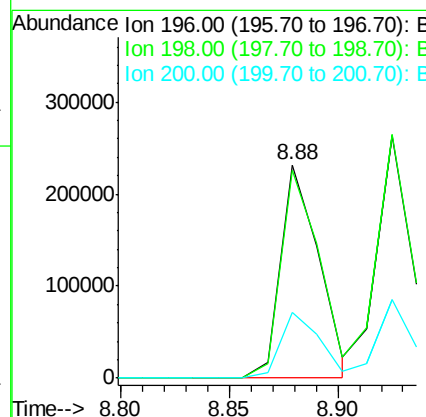
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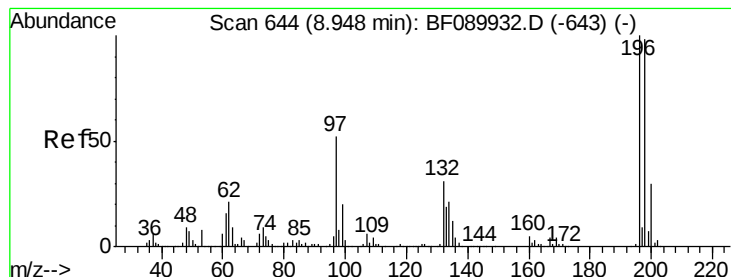
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#42
 2,4,6-Trichlorophenol
 Concen: 35.45 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285257		
198	97.1	78.3	117.5	
200	31.0	24.8	37.2	





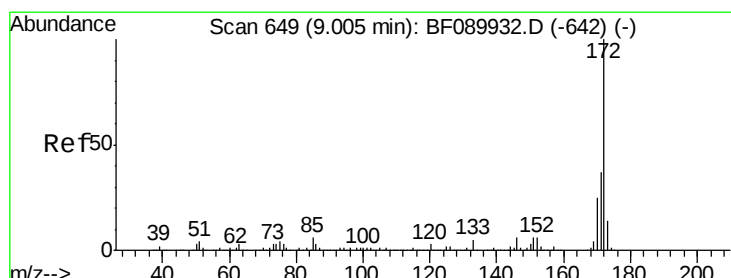
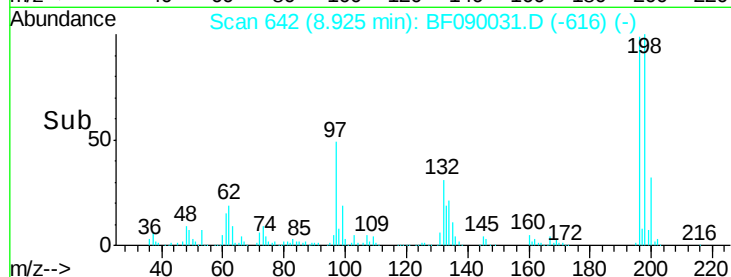
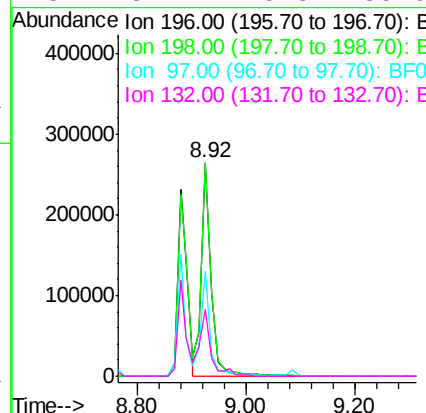
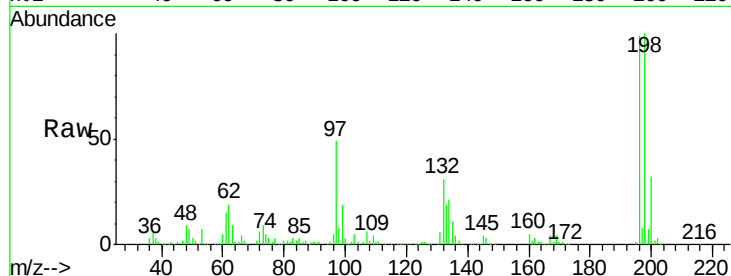
#43
 2,4,5-Trichlorophenol
 Concen: 42.03 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325194		
198	100.5	80.8	121.2	
97	49.3	44.2	66.4	
132	31.1	25.8	38.6	

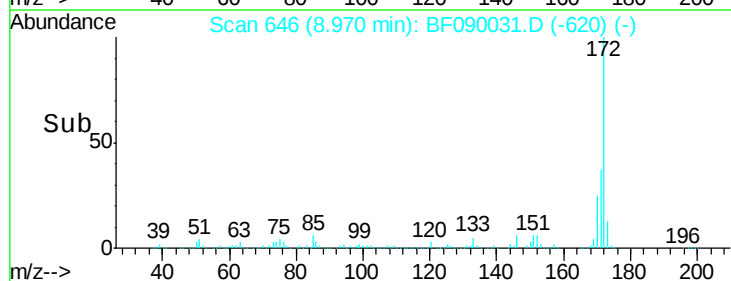
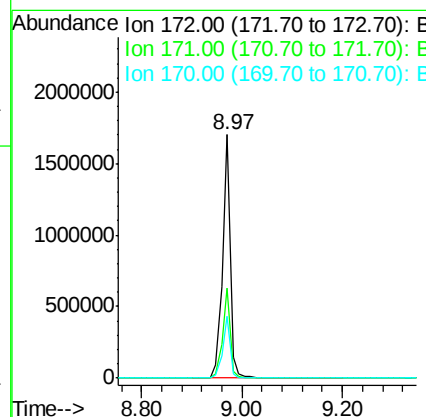
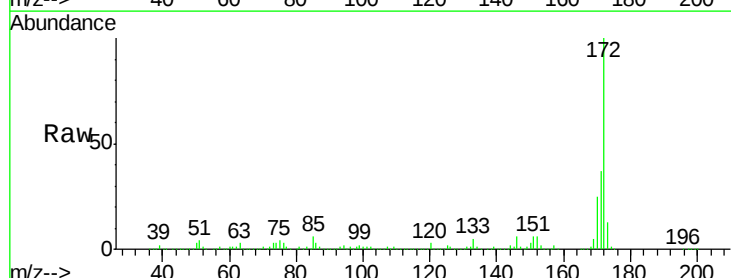
Manual Integrations
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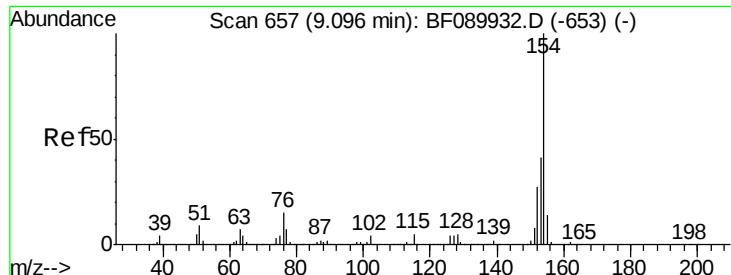
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 75.66 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1826841		
171	36.9	29.4	44.2	
170	25.3	20.1	30.1	





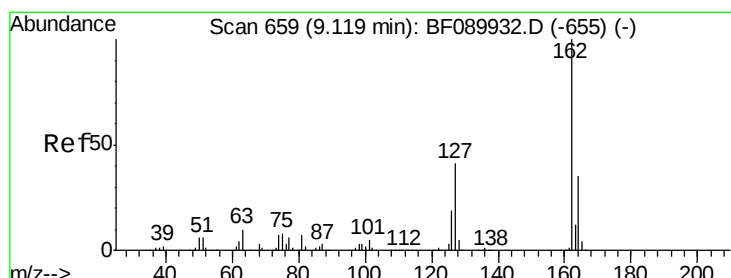
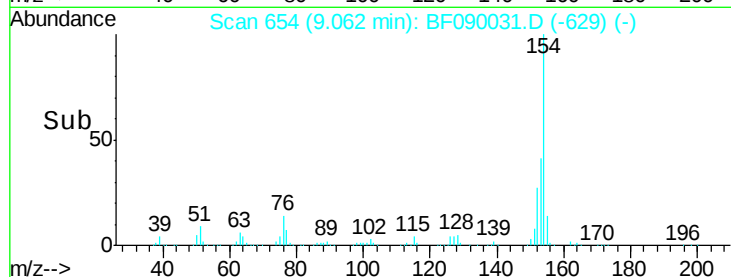
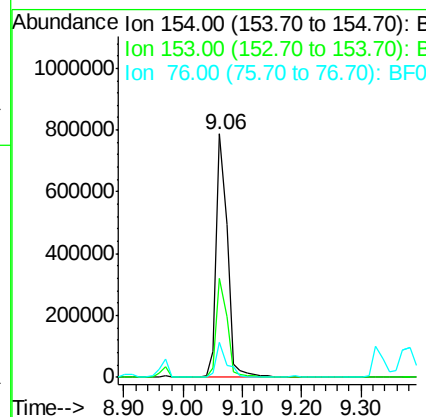
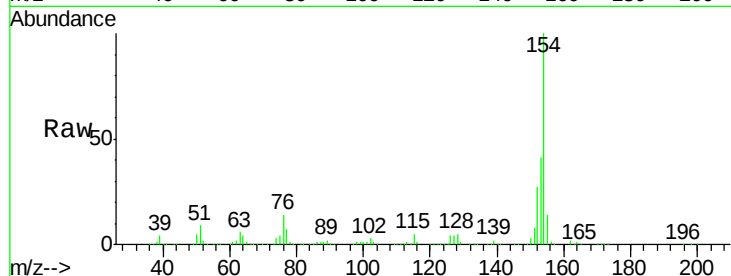
#45
 1,1'-Biphenyl
 Concen: 31.73 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	14.2	0.0	34.9

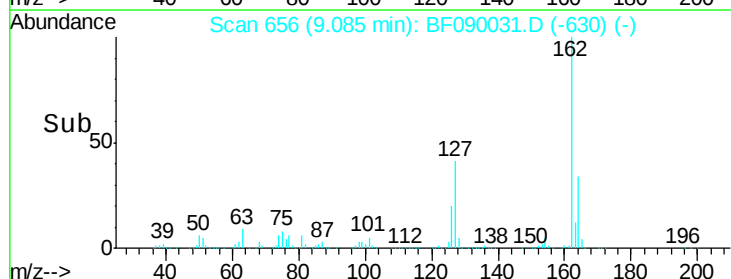
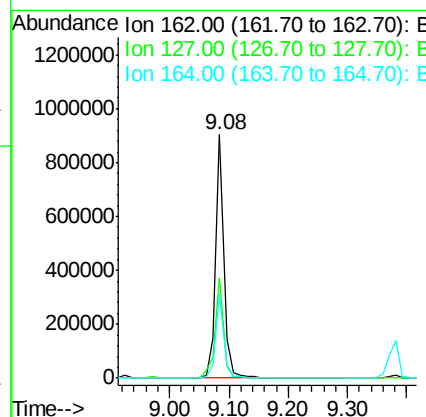
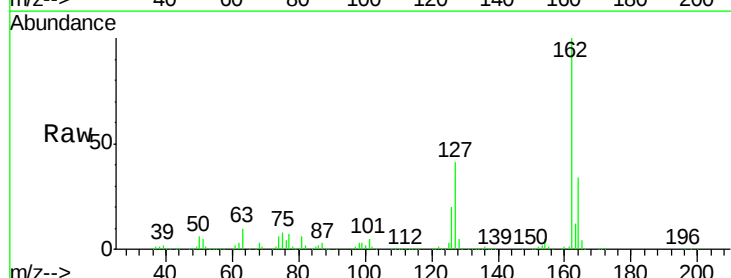
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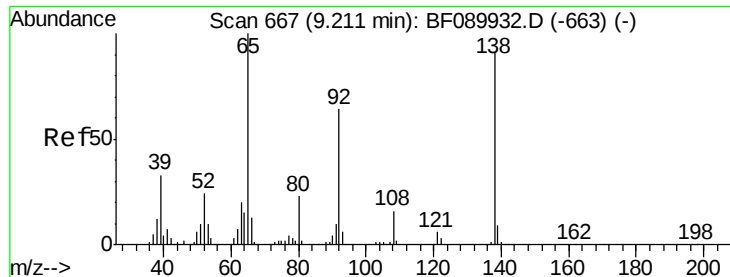
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#46
 2-Chloronaphthalene
 Concen: 38.50 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.5	50.3
164	34.4	28.2	42.4





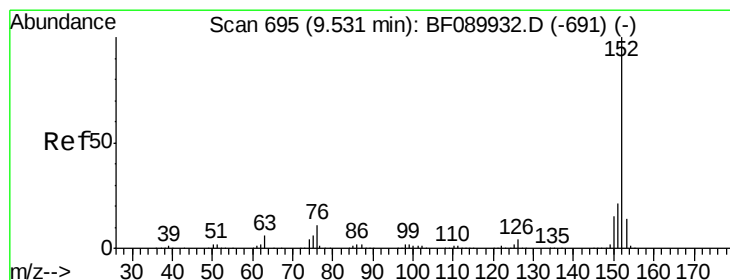
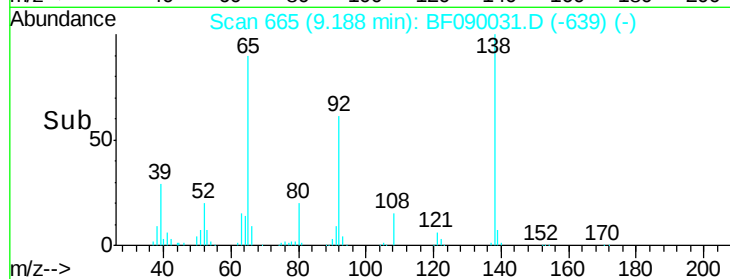
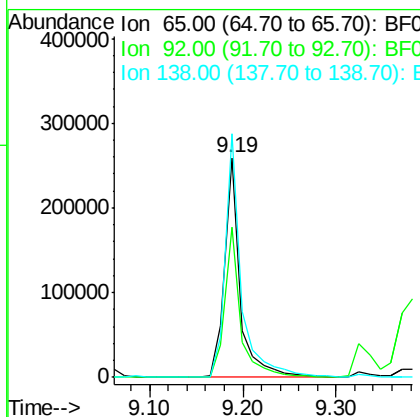
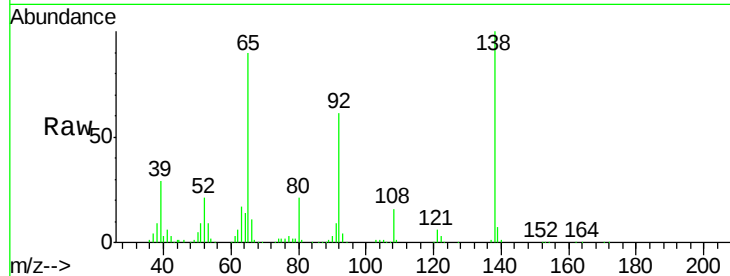
#47
2-Nitroaniline
Concen: 40.93 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	302071		
92	68.1	52.0	78.0	
138	110.7	72.1	108.1#	

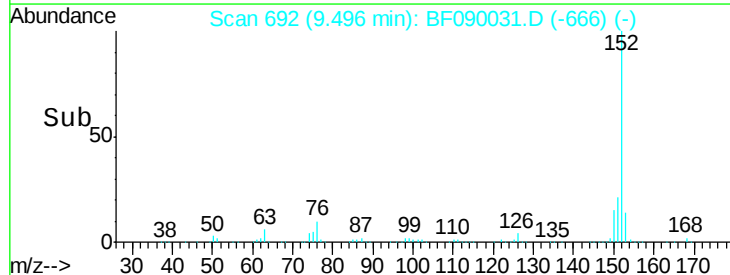
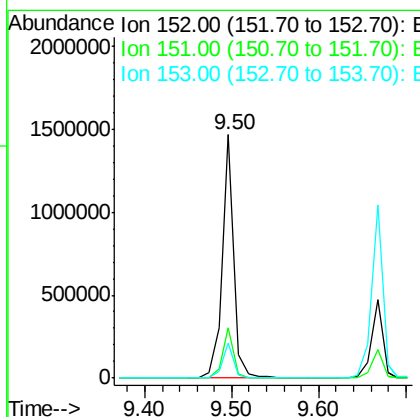
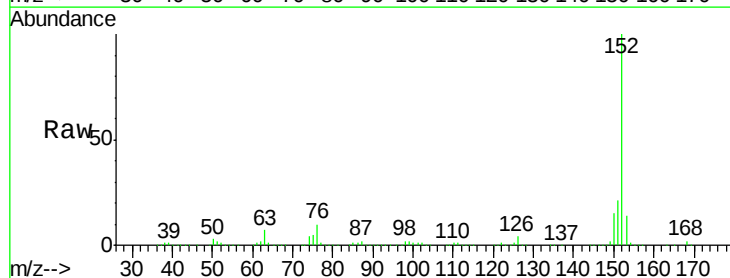
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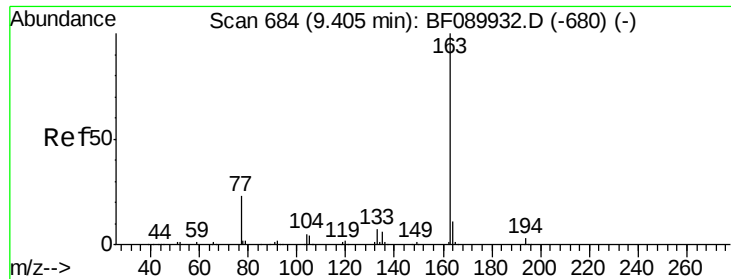
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#48
Acenaphthylene
Concen: 36.84 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1375115		
151	20.9	16.7	25.1	
153	14.2	11.6	17.4	





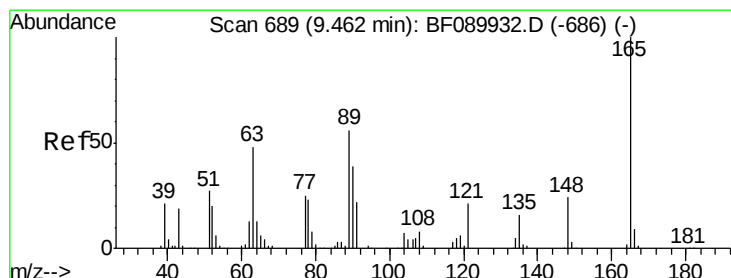
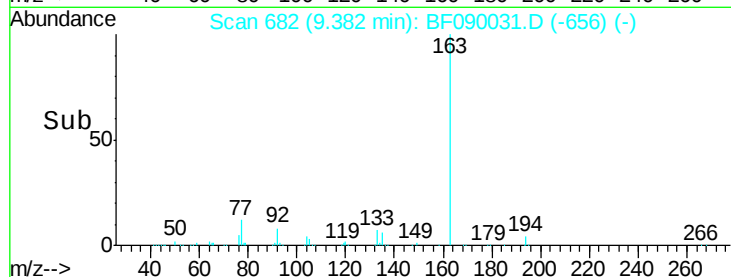
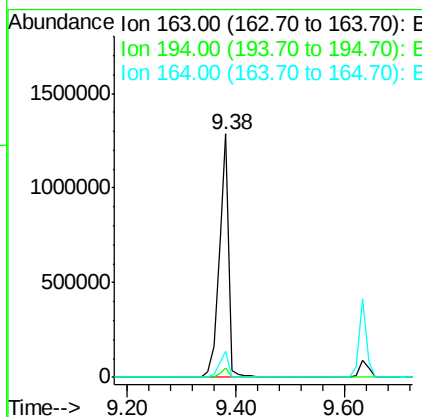
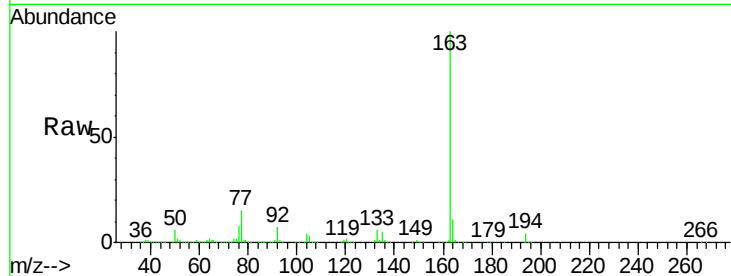
#49
Dimethylphthalate
Concen: 55.52 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion:163 Resp: 1590576
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 9.0 13.4

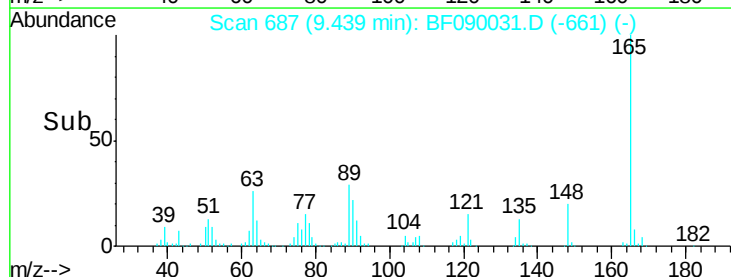
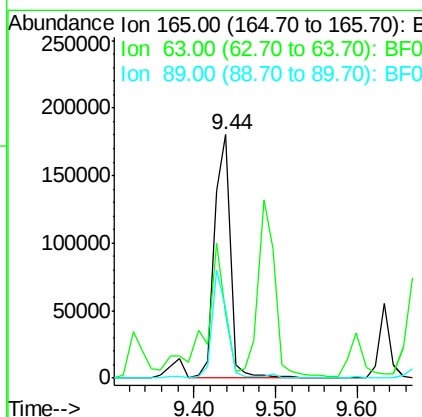
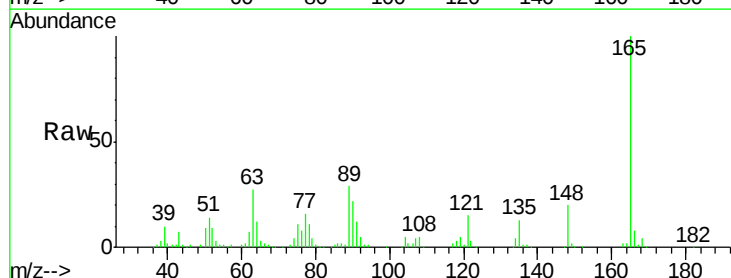
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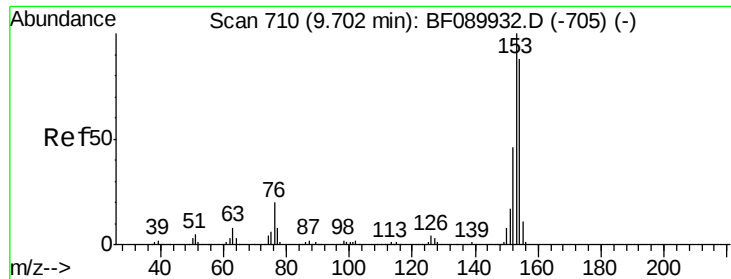
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#50
2,6-Dinitrotoluene
Concen: 38.44 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:165 Resp: 244934
Ion Ratio Lower Upper
165 100
63 26.5 45.0 67.4#
89 28.8 41.5 62.3#





#51

Acenaphthene

Concen: 37.63 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

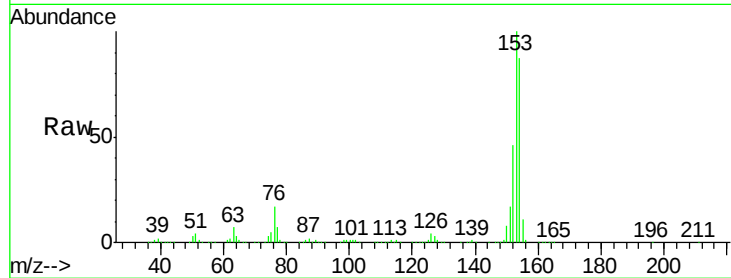
ClientSampleId :

SB-3-7.0-8.0MS

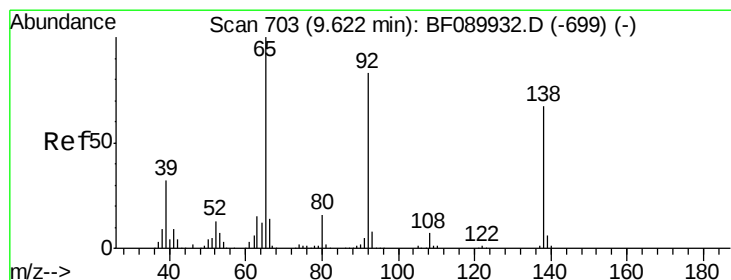
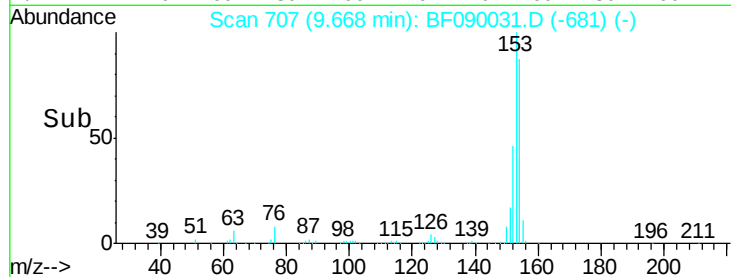
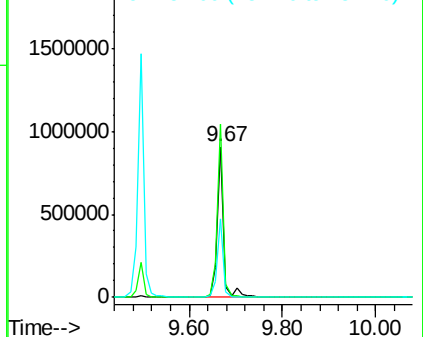
Tgt Ion:	154	Resp:	889958
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.6	135.8
152	52.3	42.4	63.6

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



#52

3-Nitroaniline

Concen: 33.15 ng

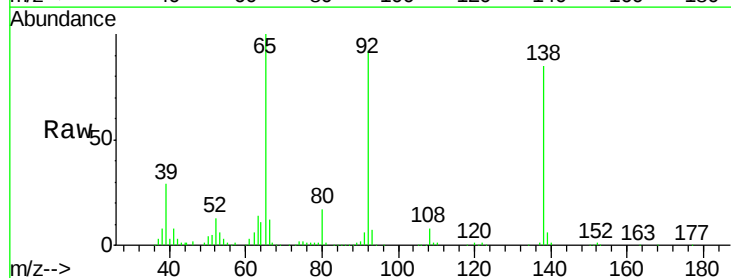
RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

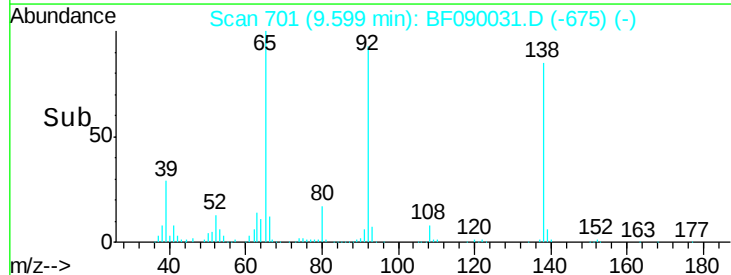
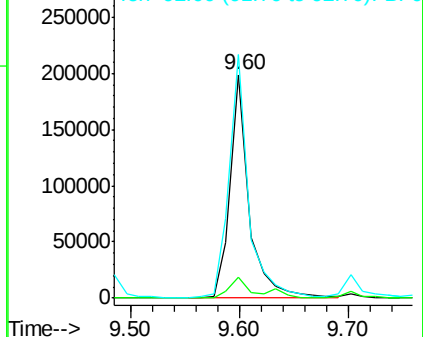
Lab File: BF090031.D

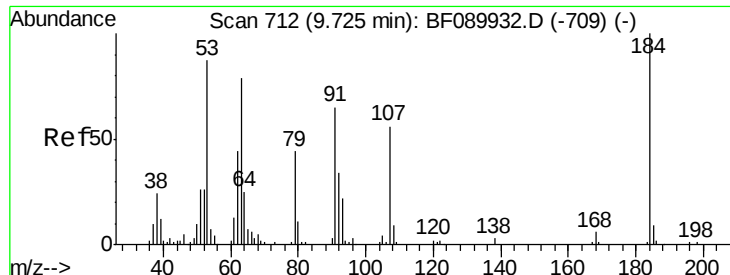
Acq: 8 Sep 2016 18:23

Tgt Ion:	138	Resp:	240885
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.3	12.5
92	109.1	99.1	148.7



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





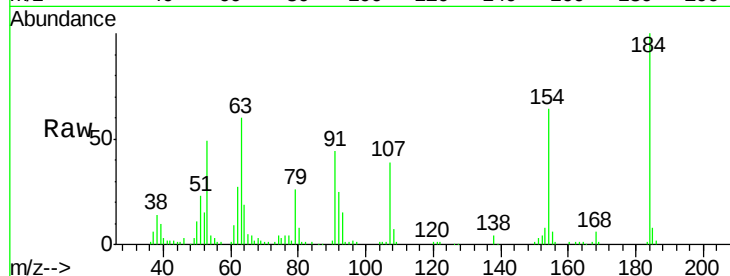
#53
2,4-Dinitrophenol
Concen: 35.39 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

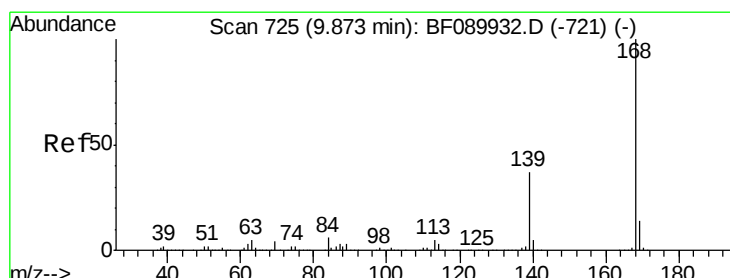
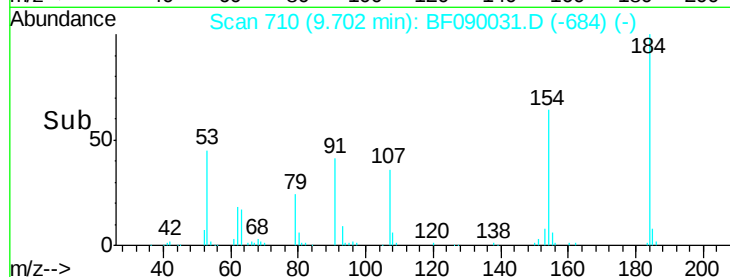
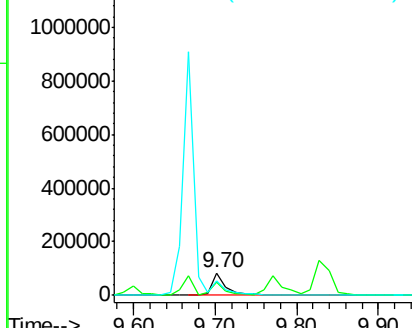
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	105497		
63	59.6	73.9	110.9#	
154	64.4	53.5	80.3	

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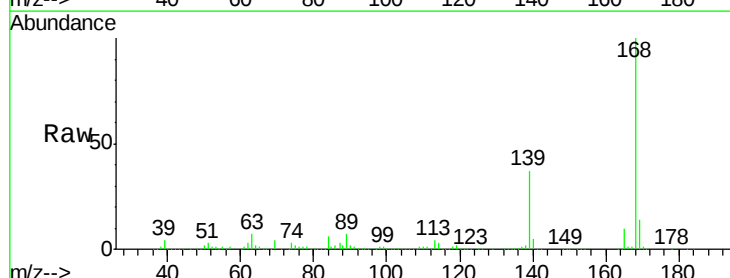


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

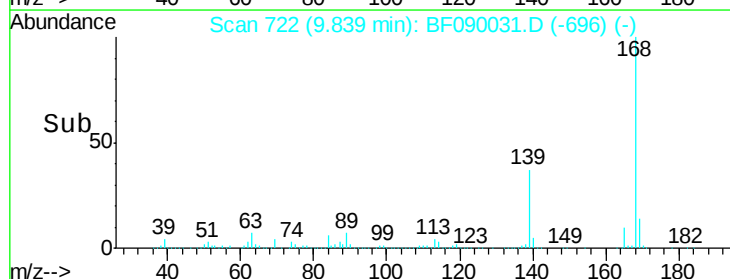
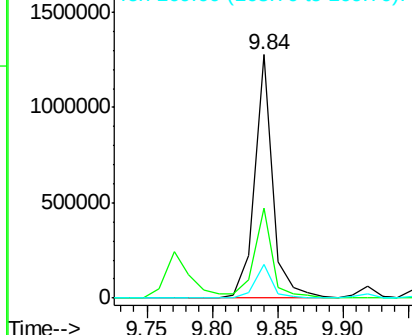


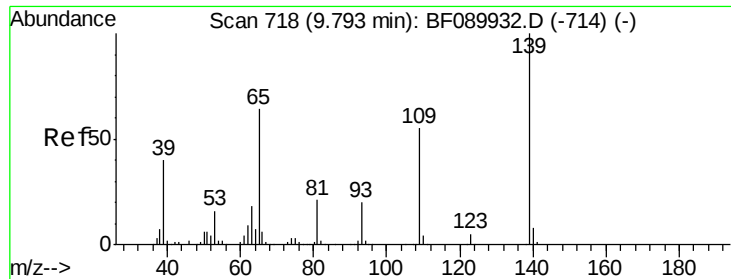
#54
Dibenzofuran
Concen: 39.14 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1240485		
139	37.1	29.5	44.3	
169	13.7	10.8	16.2	



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





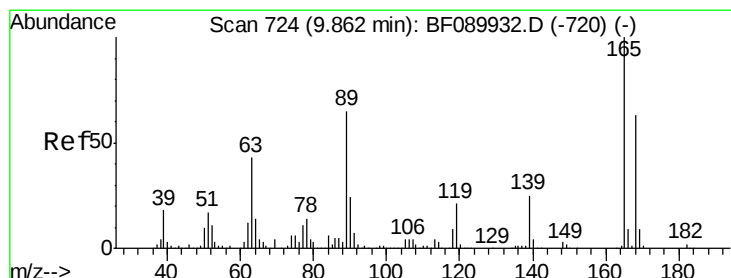
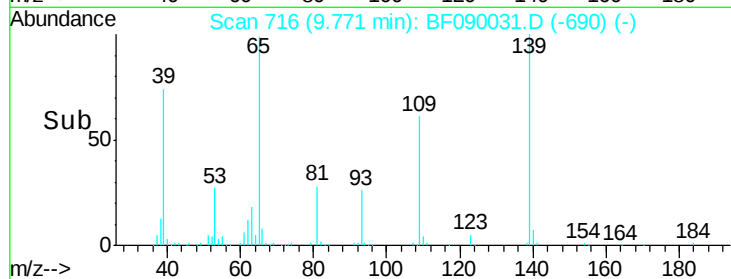
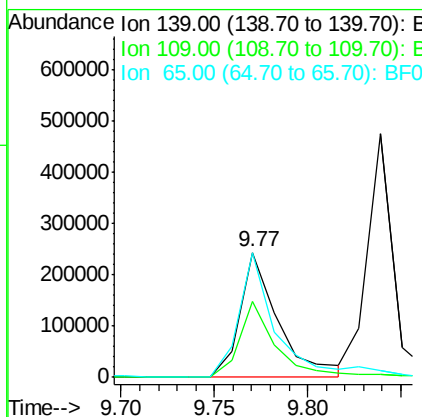
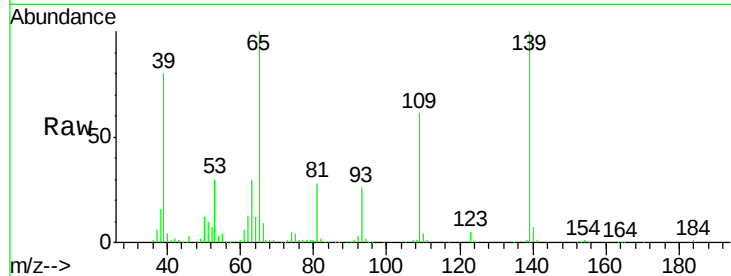
#55
4-Nitrophenol
Concen: 63.51 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	348130		
109	60.7	31.3	71.3	
65	99.5	38.5	78.5#	

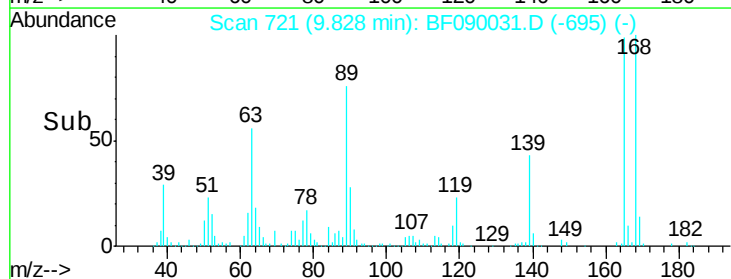
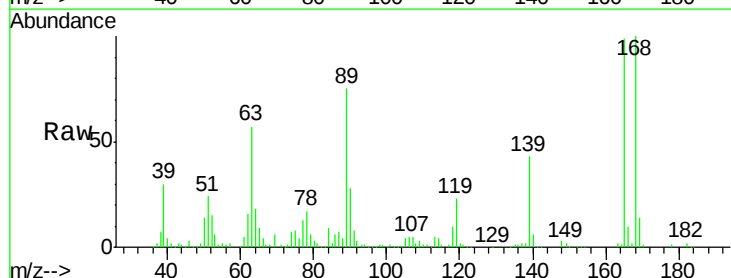
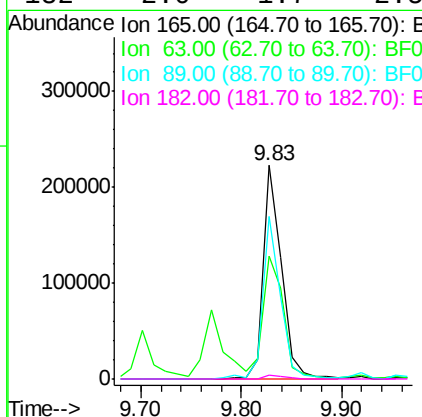
Manual Integrations
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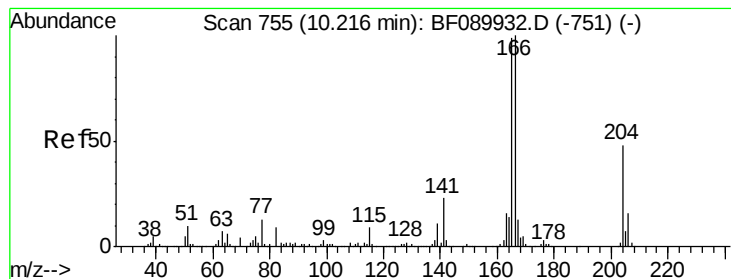
Sohil
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#56
2,4-Dinitrotoluene
Concen: 34.72 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	280550		
63	57.8	32.5	48.7#	
89	75.9	48.3	72.5#	
182	2.0	1.7	2.5	





#57

Fluorene

Concen: 41.41 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:166 Resp: 958860
Ion Ratio Lower Upper

166 100

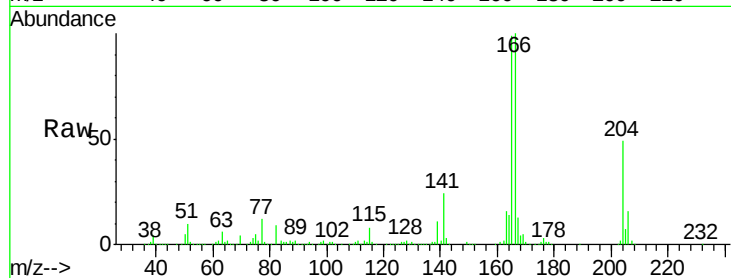
165 99.2 78.6 118.0

167 13.2 10.6 15.8

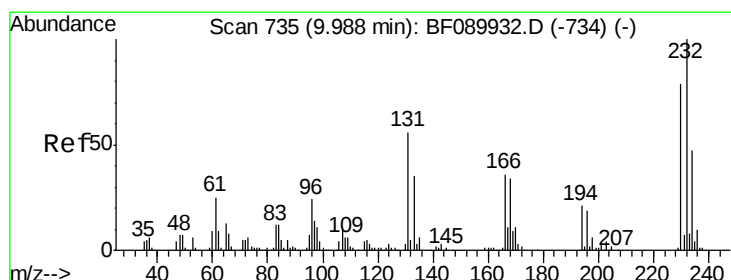
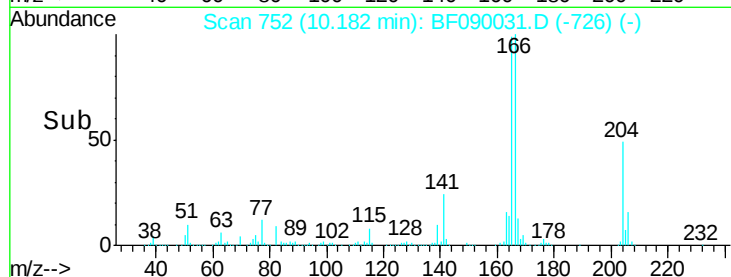
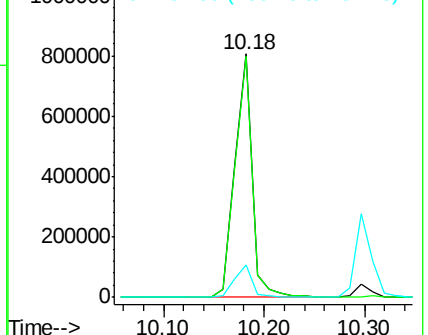
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.20 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:232 Resp: 279533
Ion Ratio Lower Upper

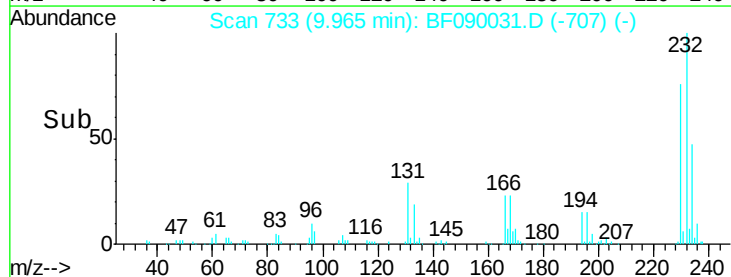
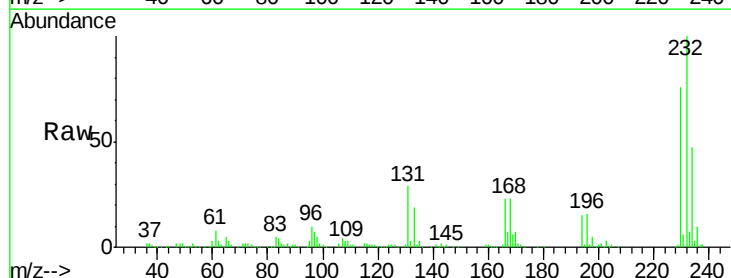
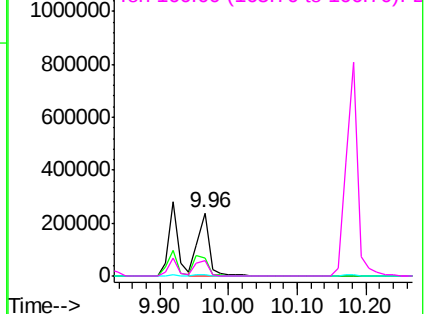
232 100

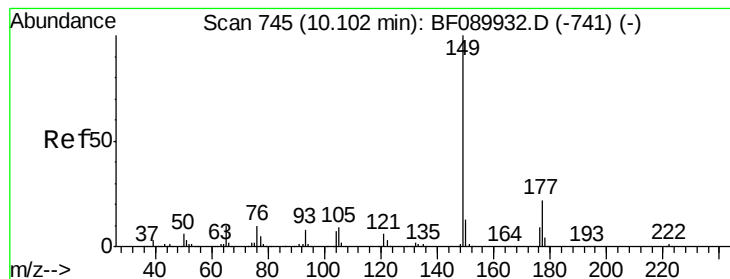
131 39.9 36.3 54.5

130 1.8 1.7 2.5

166 27.4 24.4 36.6

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: 37.15 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:149 Resp: 1001083

Ion Ratio Lower Upper

149 100

177 21.3 17.7 26.5

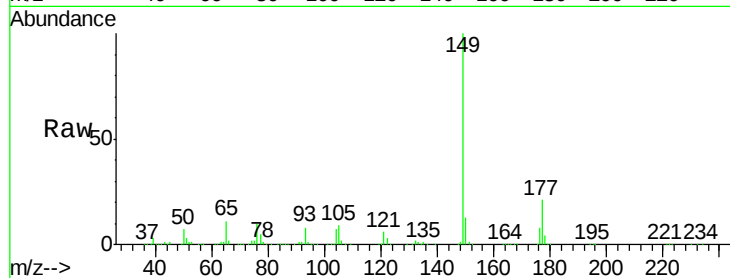
150 12.8 10.2 15.2

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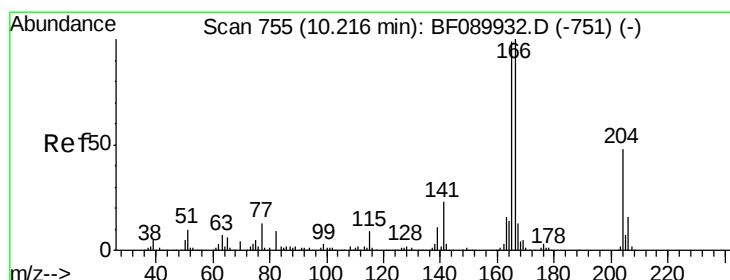
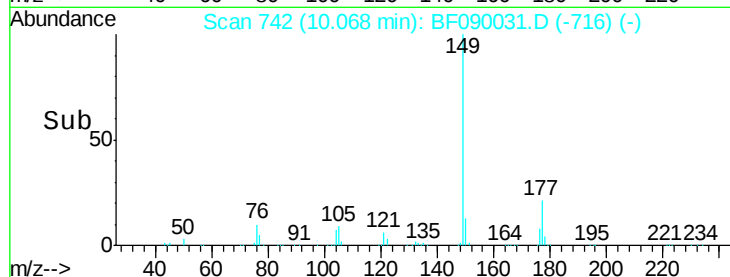
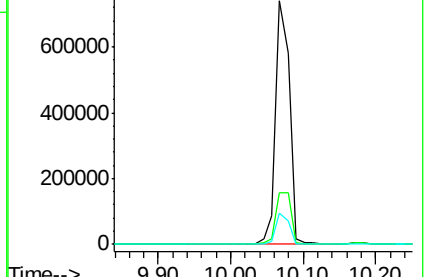
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.12 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

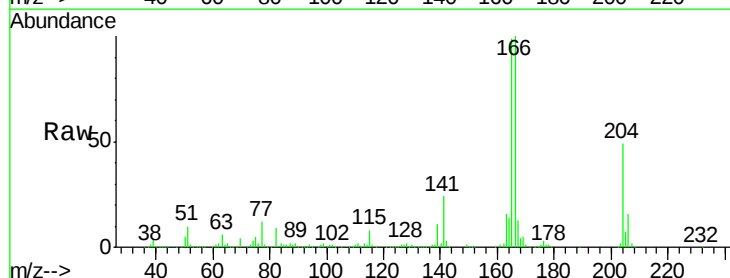
Tgt Ion:204 Resp: 448158

Ion Ratio Lower Upper

204 100

206 32.2 26.6 40.0

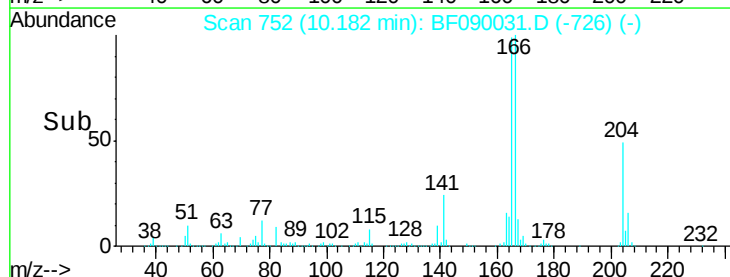
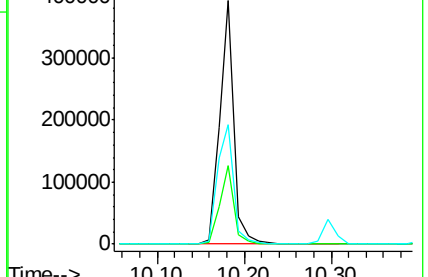
141 48.8 36.5 54.7

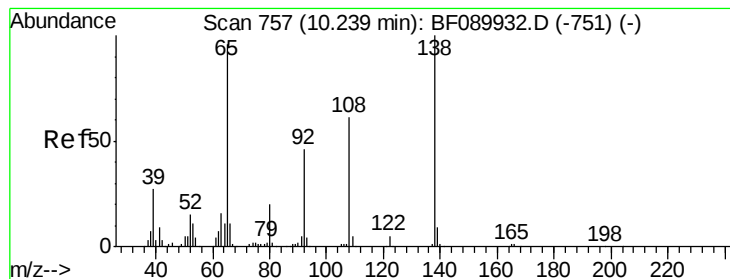


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.10 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

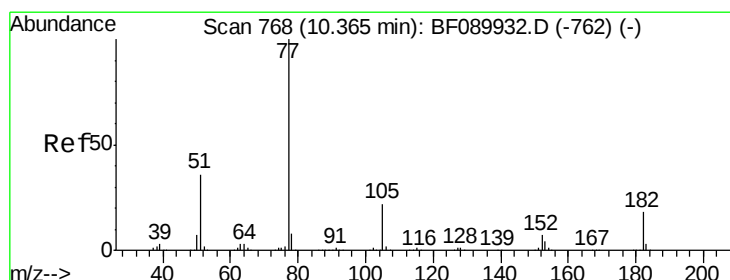
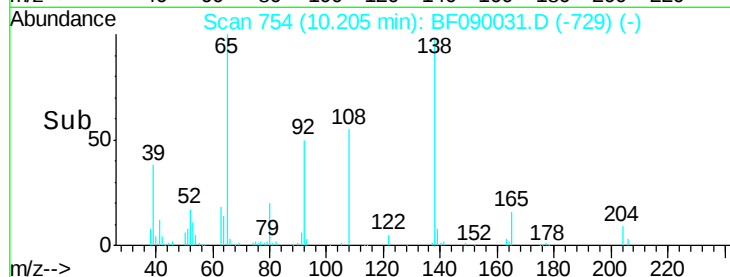
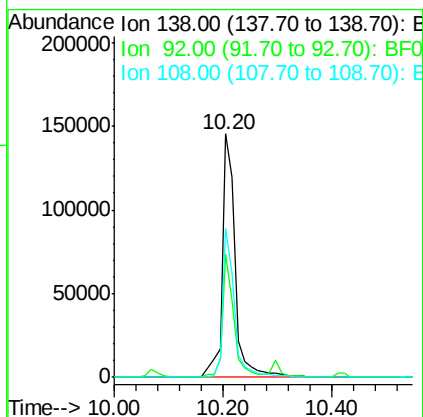
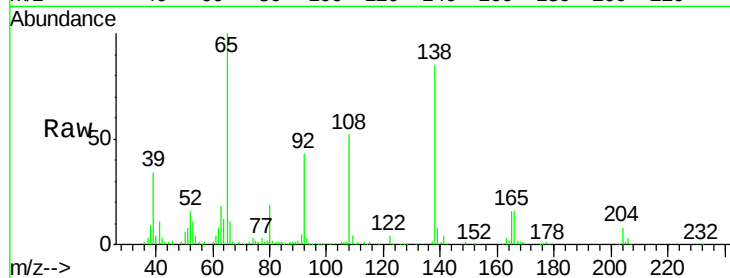
ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:	138	Resp:	243473
Ion Ratio	Lower	Upper	
138	100		
92	50.8	21.2	61.2
108	61.1	37.7	77.7

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#62

Azobenzene

Concen: 37.22 ng

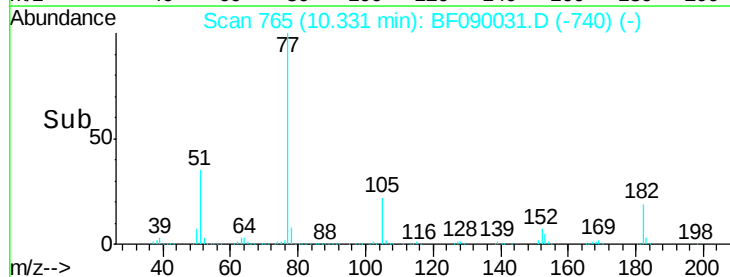
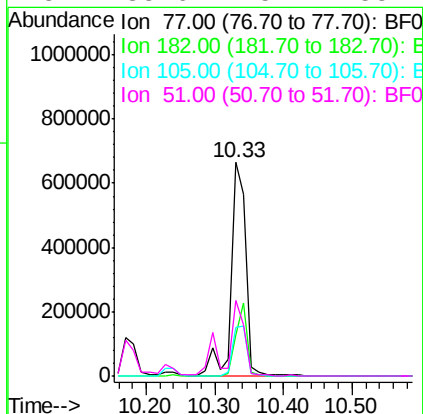
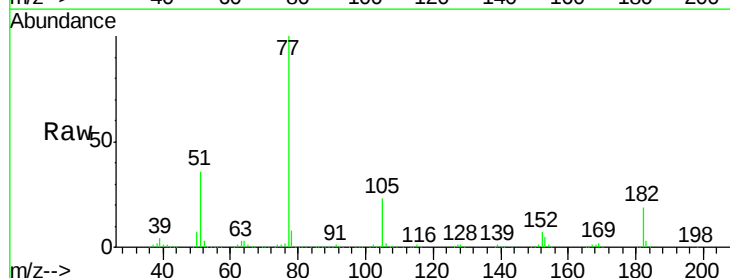
RT: 10.33 min Scan# 765

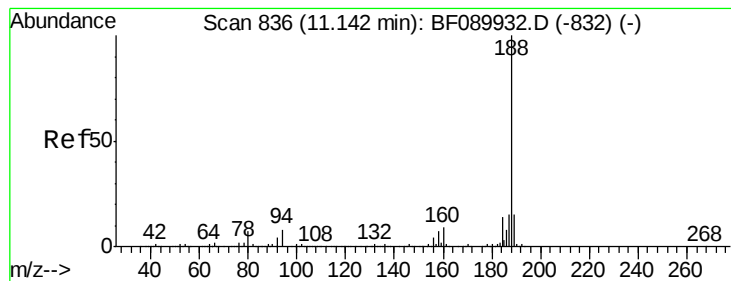
Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:	77	Resp:	1001781
Ion Ratio	Lower	Upper	
77	100		
182	19.2	0.0	38.6
105	22.7	2.3	42.3
51	35.6	15.1	55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

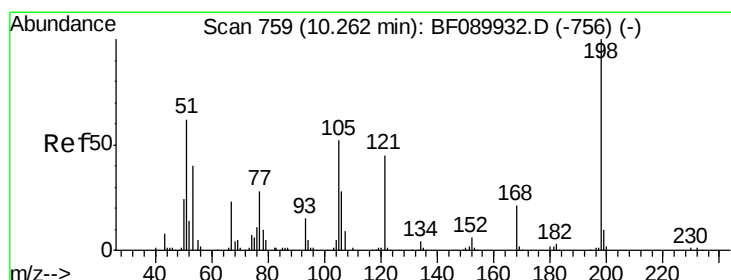
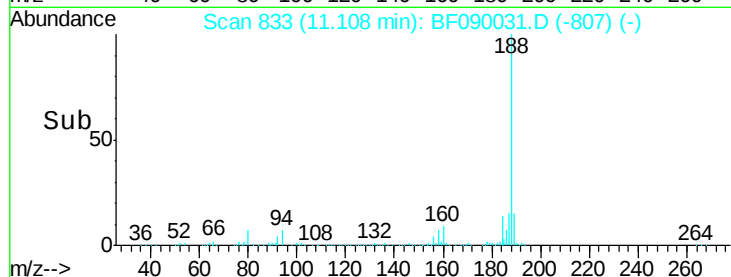
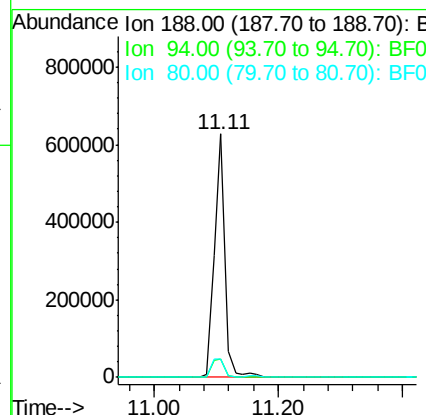
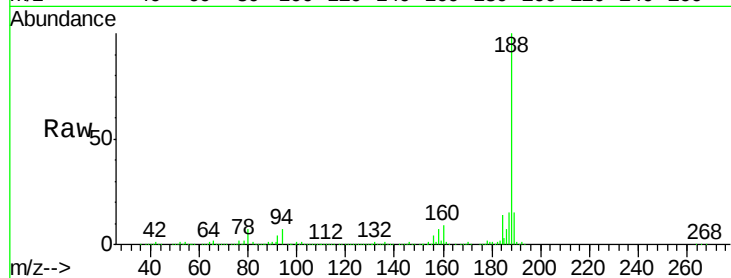
ClientSampleId :

SB-3-7.0-8.0MS

Tgt	Ion:188	Resp:	731305
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.9	8.9
80	7.4	5.8	8.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 21.79 ng

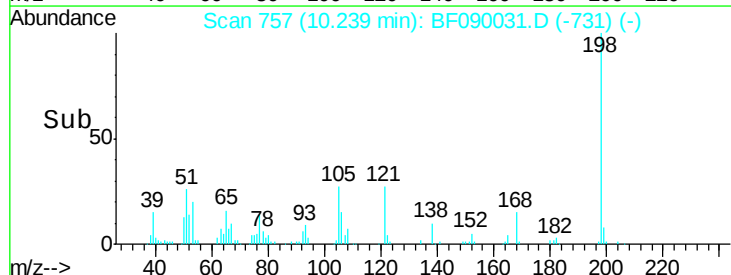
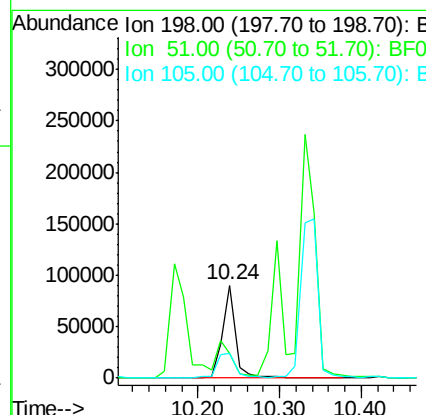
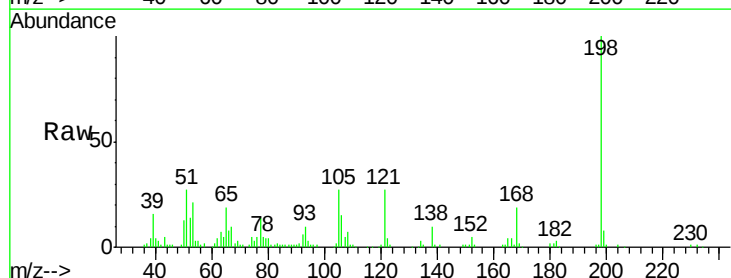
RT: 10.24 min Scan# 757

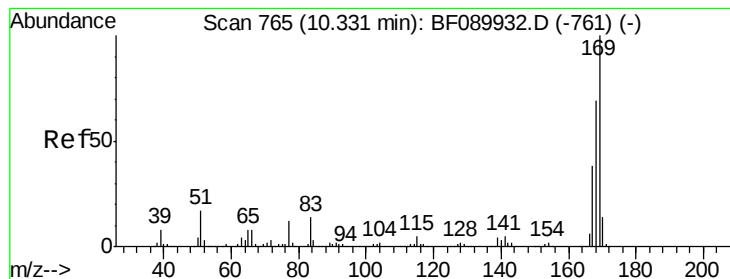
Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt	Ion:198	Resp:	102005
Ion	Ratio	Lower	Upper
198	100		
51	26.8	43.0	83.0#
105	27.1	30.3	70.3#





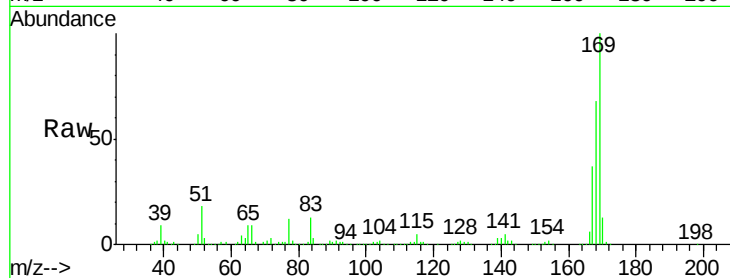
#65
n-Nitrosodiphenylamine
Concen: 37.74 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

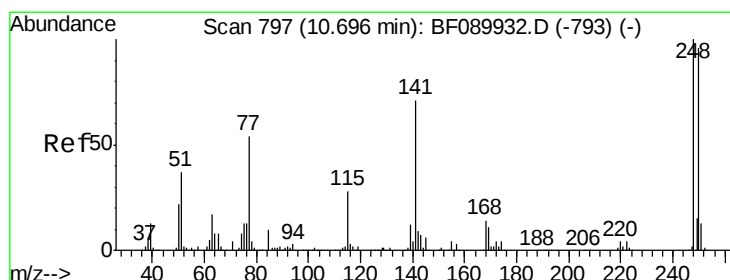
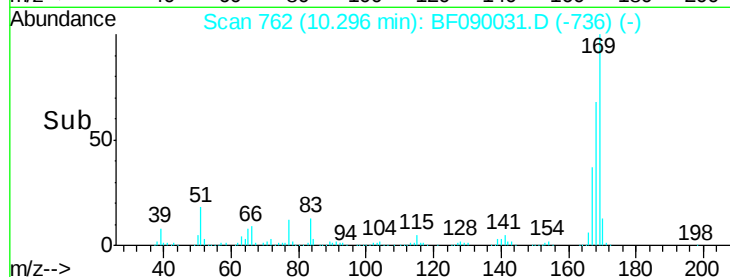
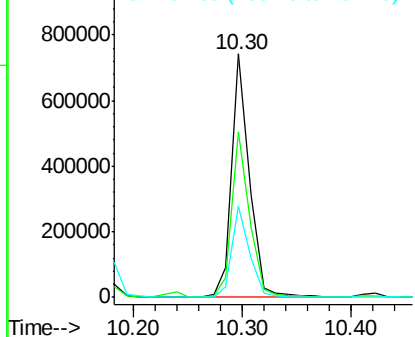
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	829681		
168	68.1	55.0	82.4	
167	37.3	30.5	45.7	

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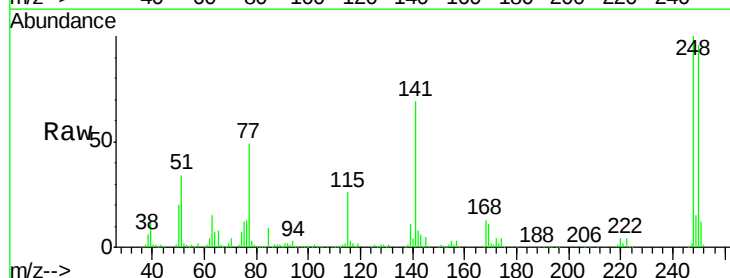


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

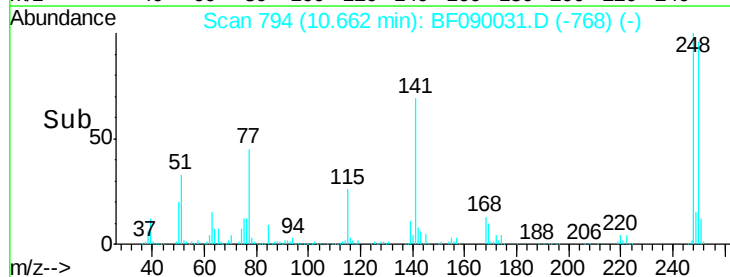
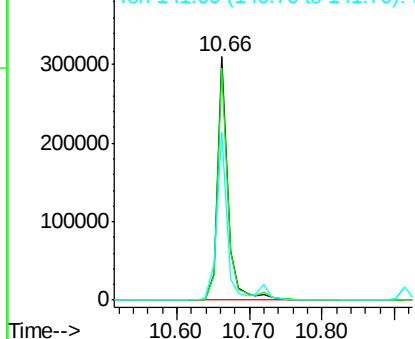


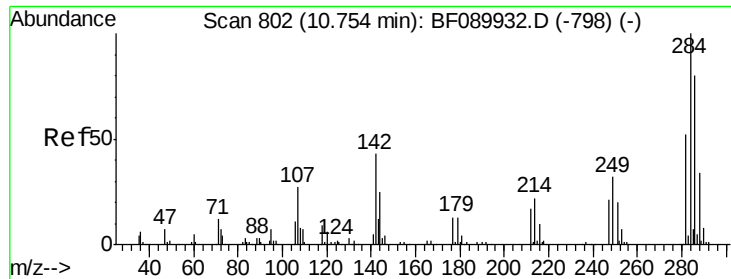
#66
4-Bromophenyl-phenylether
Concen: 42.10 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	309955		
250	95.6	77.3	115.9	
141	69.1	55.8	83.8	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





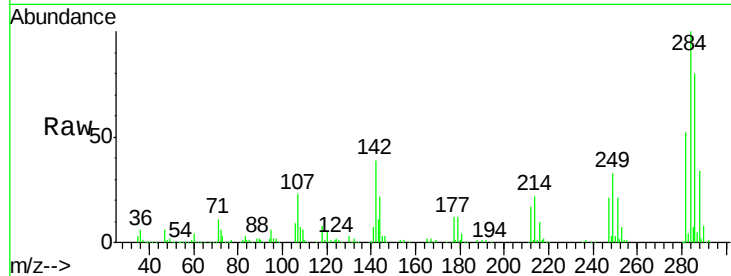
#67
Hexachlorobenzene
Concen: 34.02 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

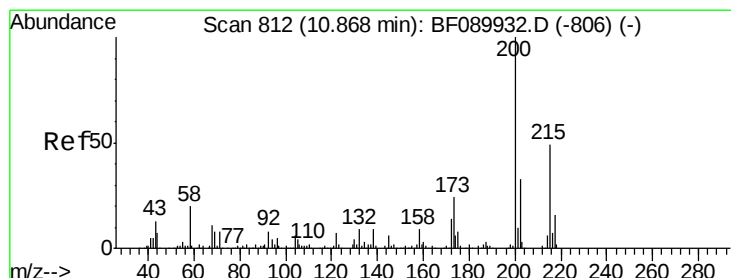
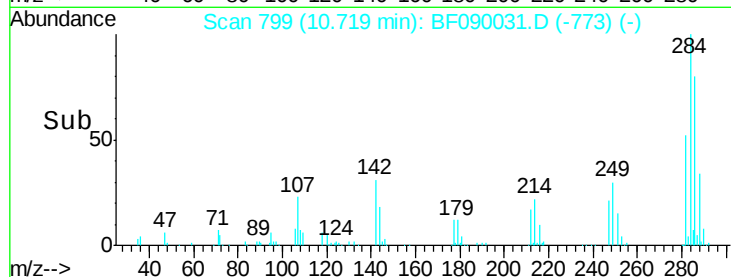
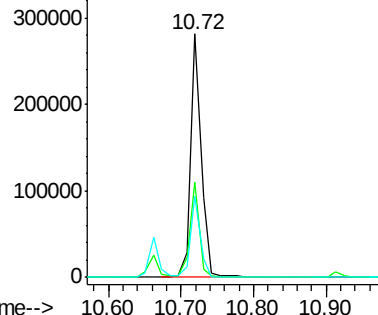
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	38.8	32.7	49.1
249	33.3	26.9	40.3

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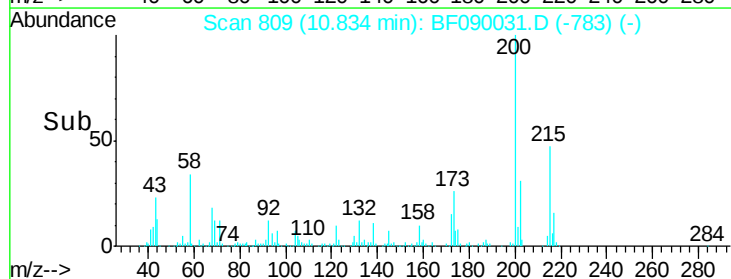
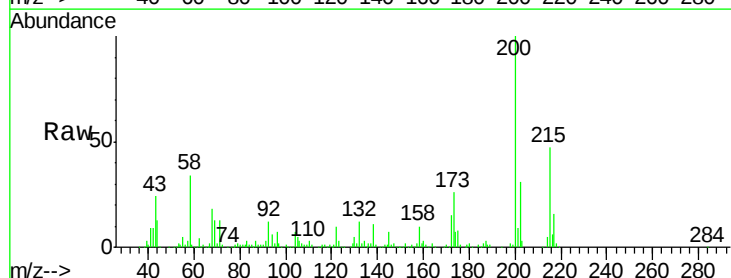
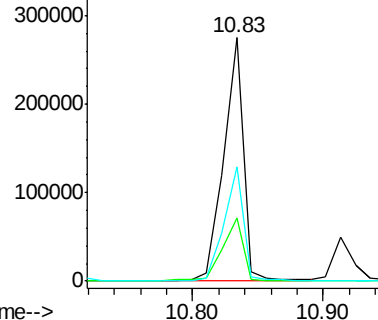
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

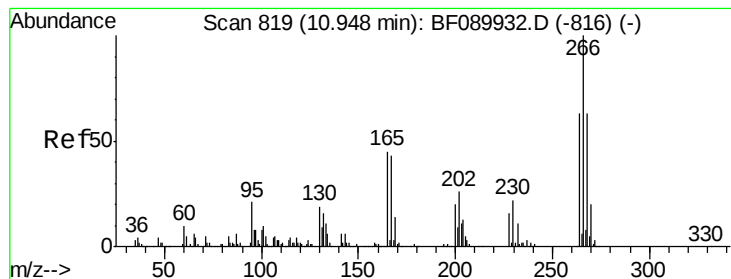


#68
Atrazine
Concen: 39.68 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	9.4	49.4
215	47.2	24.5	64.5

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





#69

Pentachlorophenol

Concen: 64.26 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

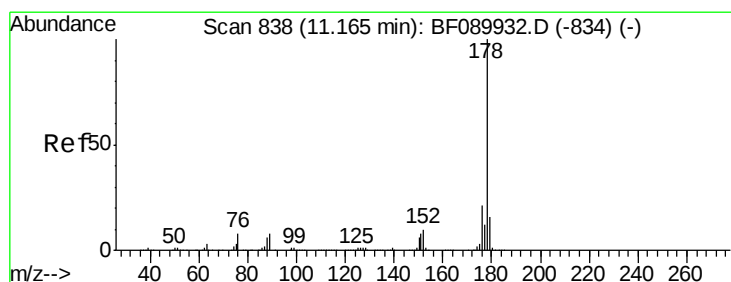
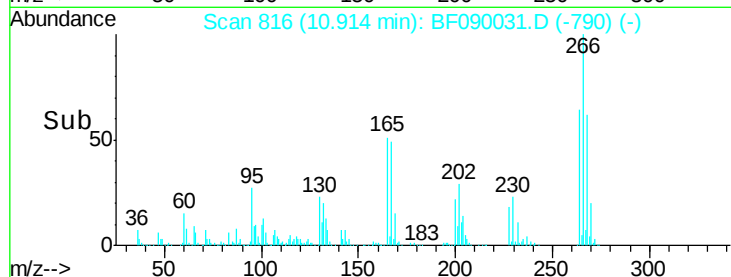
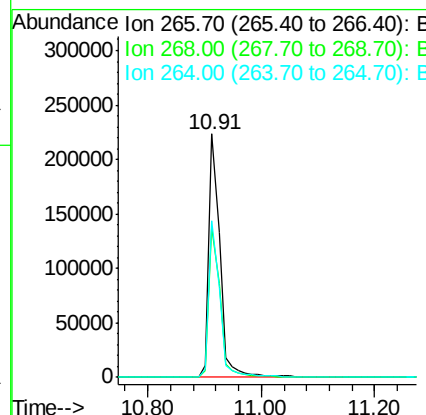
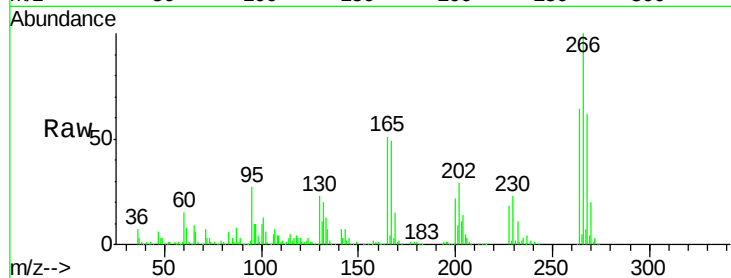
ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:	266	Resp:	290744
Ion Ratio	Lower	Upper	
266	100		
268	61.7	51.0	76.6
264	64.1	50.6	75.8

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#70

Phenanthrene

Concen: 38.35 ng

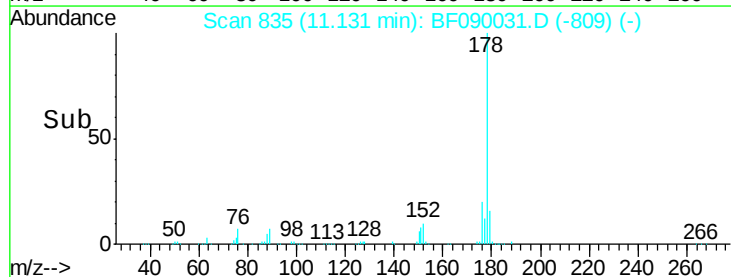
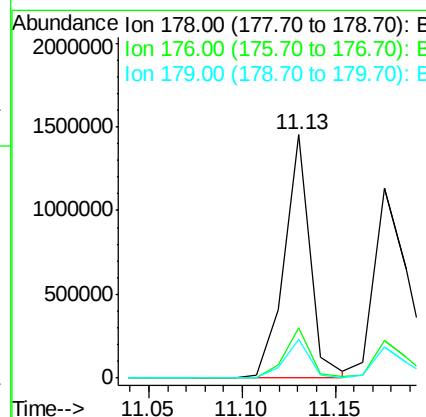
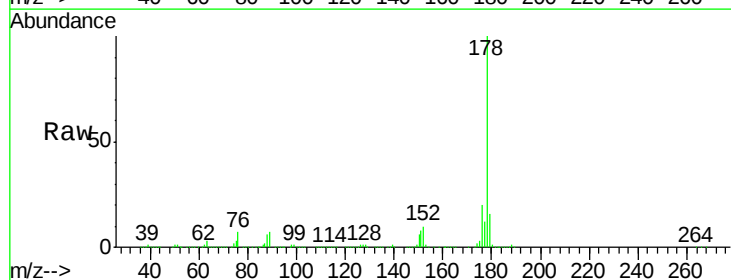
RT: 11.13 min Scan# 835

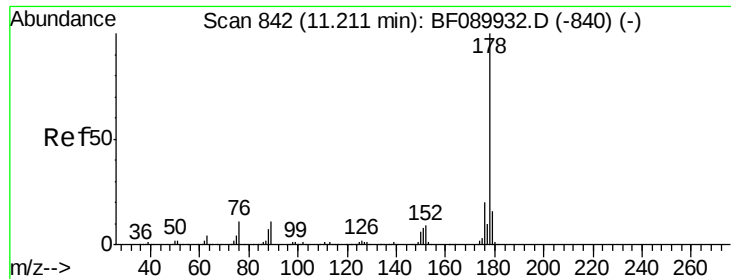
Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:	178	Resp:	1396696
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.5	24.7
179	16.0	12.8	19.2





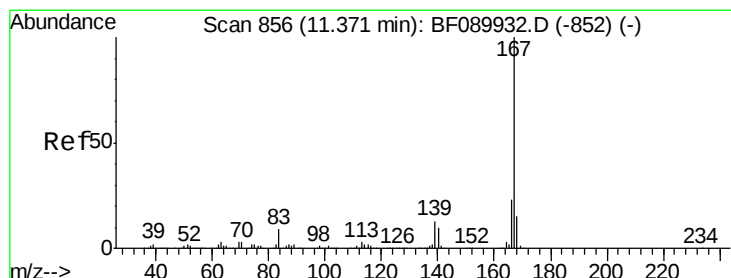
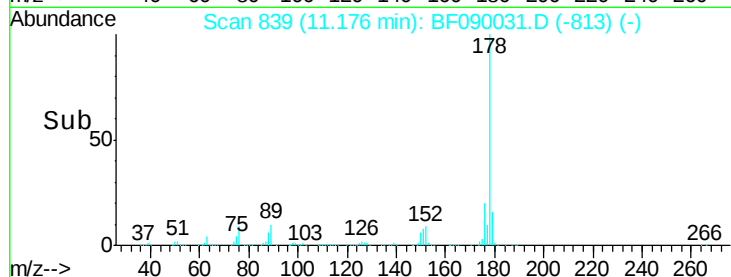
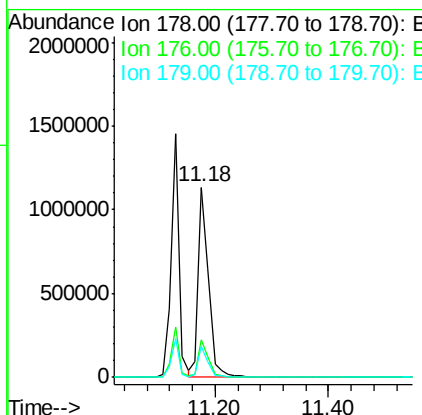
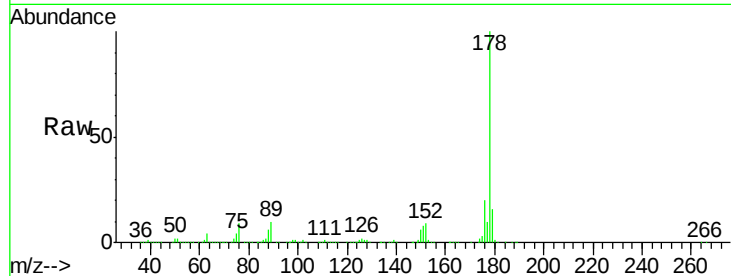
#71
 Anthracene
 Concen: 38.17 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion:178 Resp: 1409972
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.2 13.0 19.4

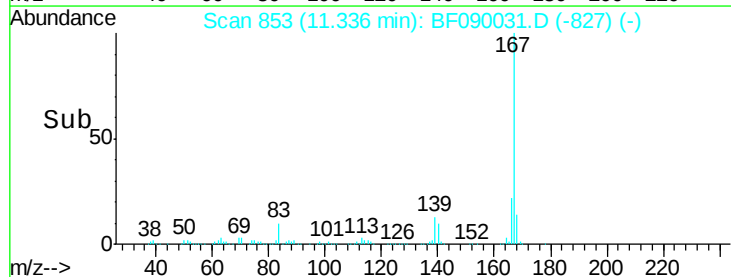
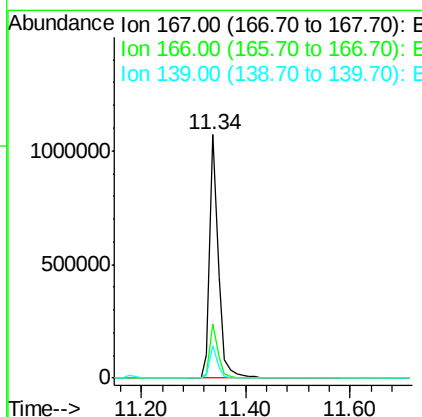
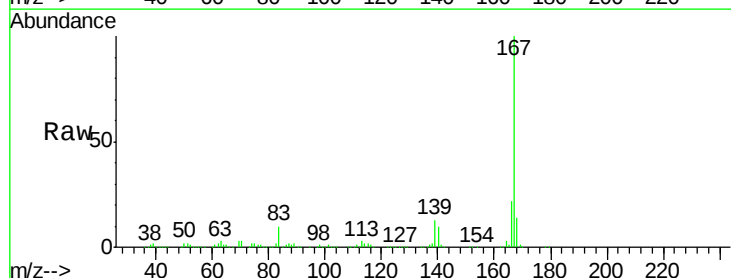
Manual Integrations
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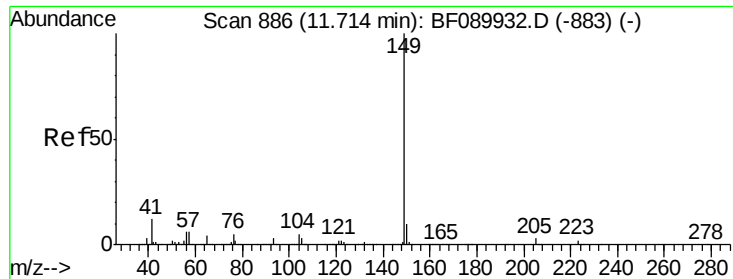
Sohil
 9/9/2016 8:39:09 AM



#72
 Carbazole
 Concen: 35.80 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:167 Resp: 1239872
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.1 10.4 15.6





#73

Di-n-butylphthalate

Concen: 37.28 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

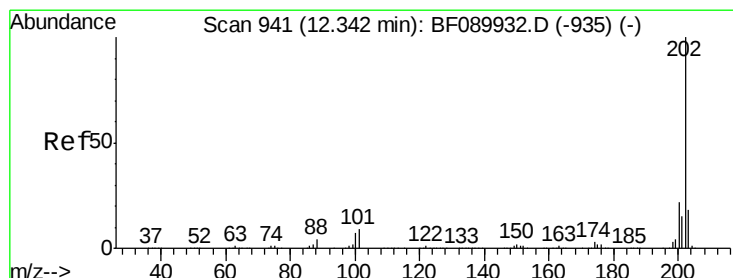
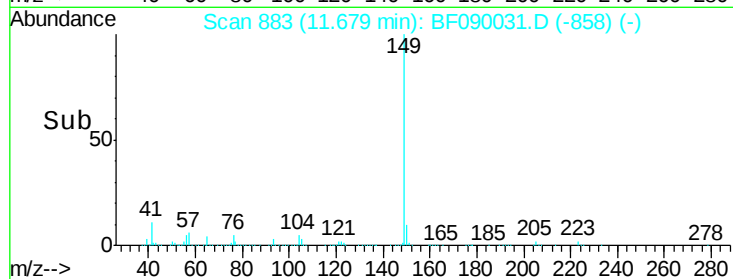
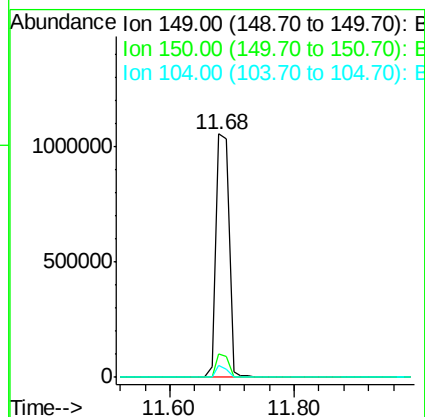
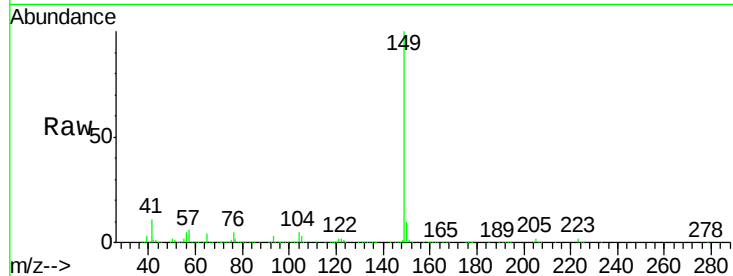
ClientSampled :

SB-3-7.0-8.0MS

Tgt Ion:	149	Resp:	1504946
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.8
104	4.8	3.9	5.9

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#74

Fluoranthene

Concen: 37.64 ng

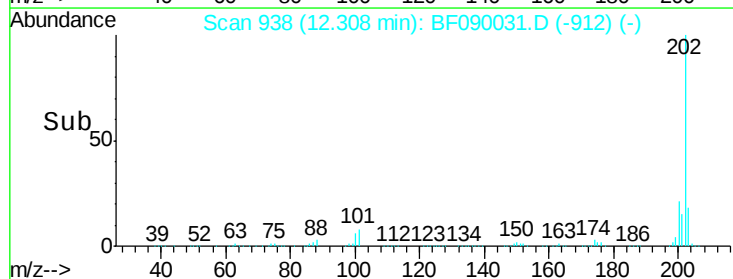
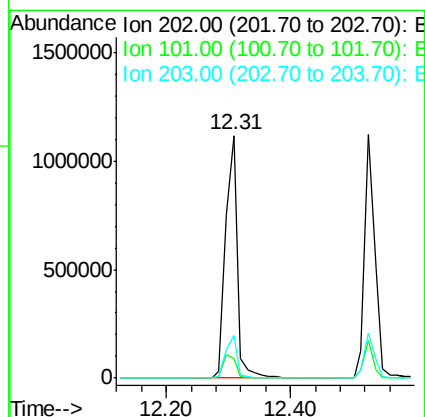
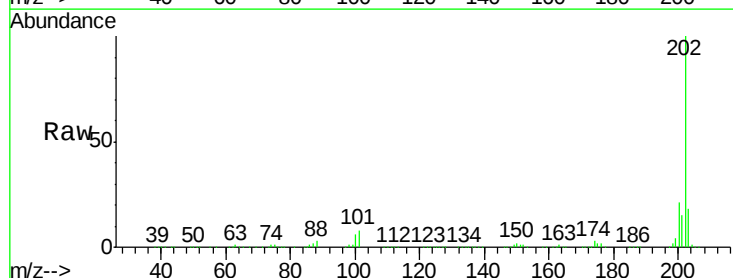
RT: 12.31 min Scan# 938

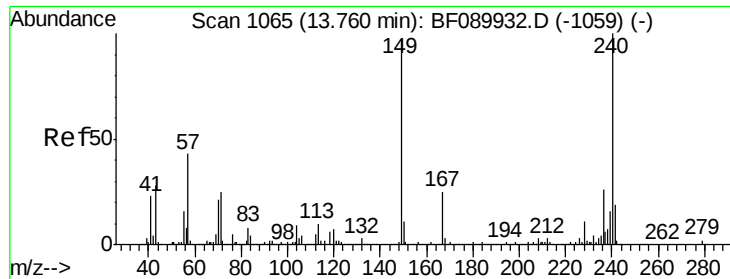
Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:	202	Resp:	1436550
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	28.5
203	17.5	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:240 Resp: 446978
Ion Ratio Lower Upper

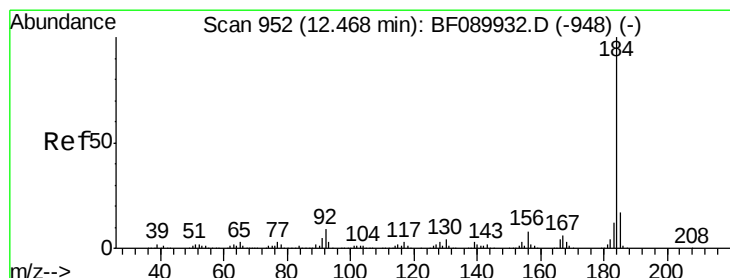
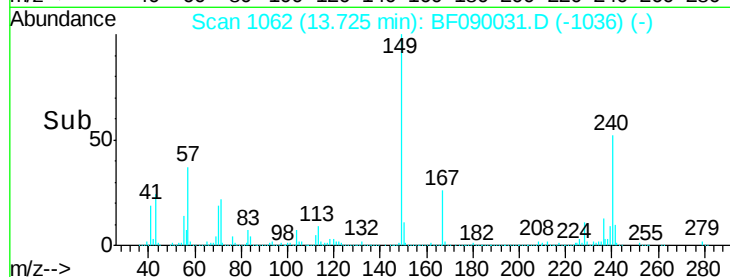
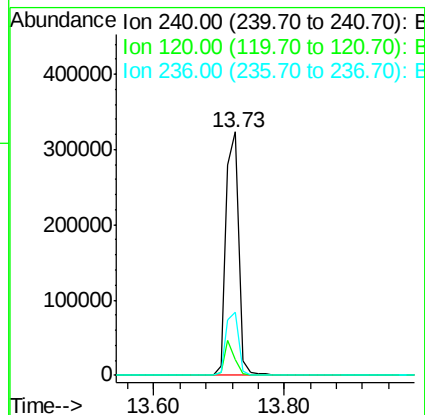
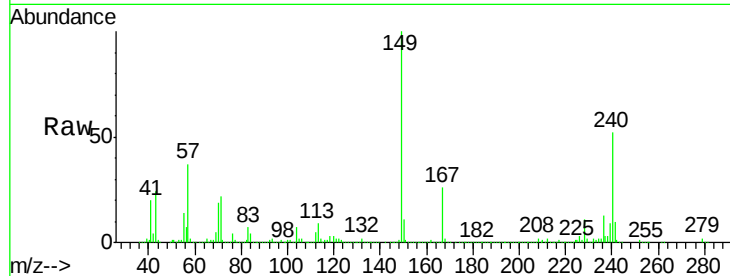
240 100

120 6.5 5.7 8.5

236 25.8 21.3 31.9

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#76

Benzidine

Concen: 42.93 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF090031.D

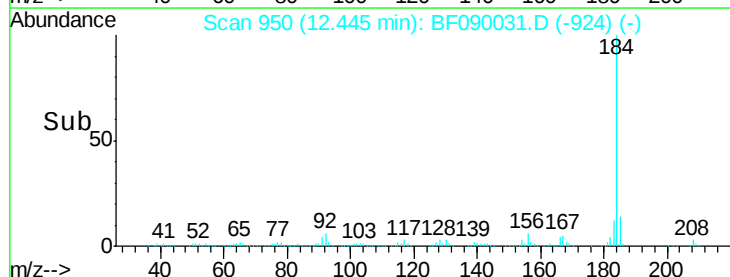
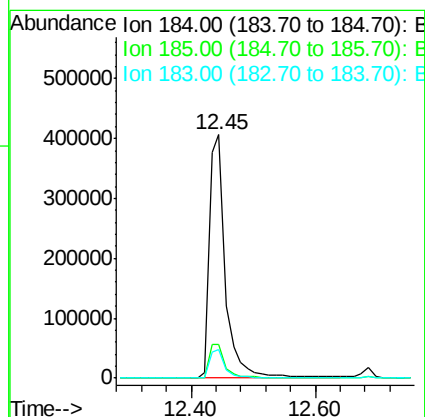
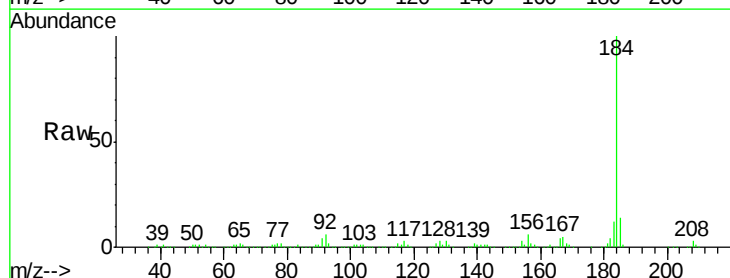
Acq: 8 Sep 2016 18:23

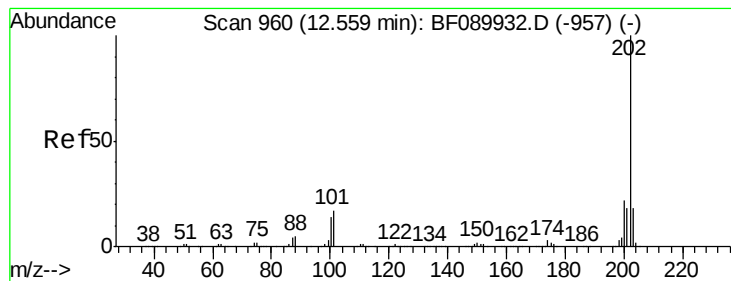
Tgt Ion:184 Resp: 726884
Ion Ratio Lower Upper

184 100

185 14.0 13.8 20.8

183 11.7 9.6 14.4





#77

Pyrene

Concen: 40.28 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

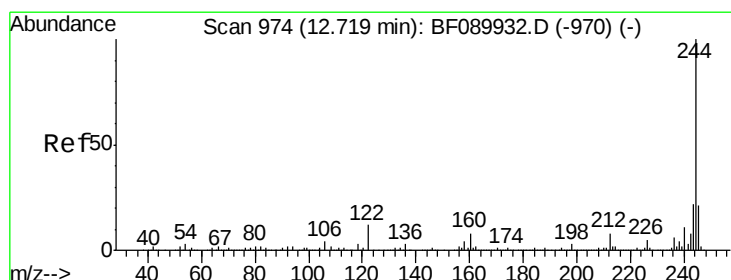
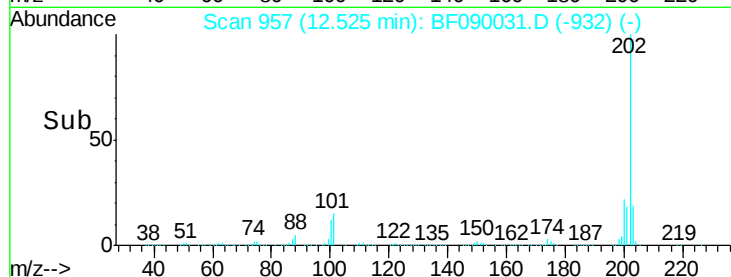
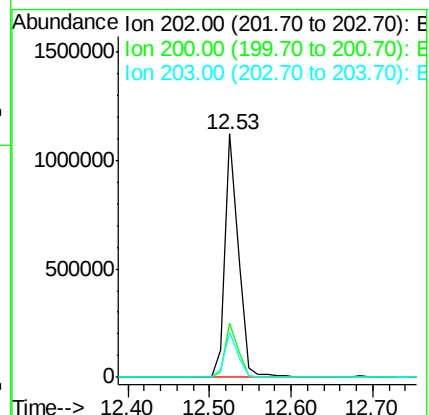
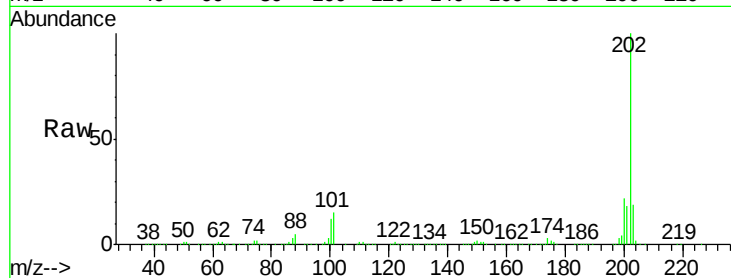
ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:	202	Resp:	1269494
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.7	14.6	21.8

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#78

Terphenyl-d14

Concen: 81.38 ng

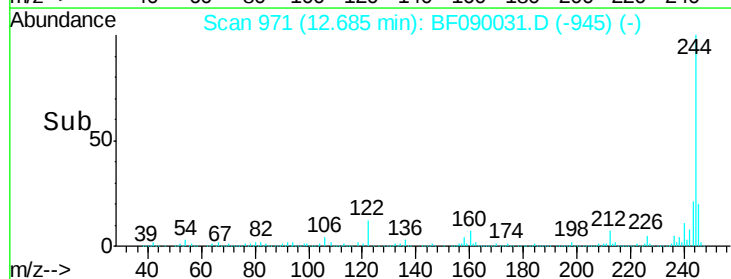
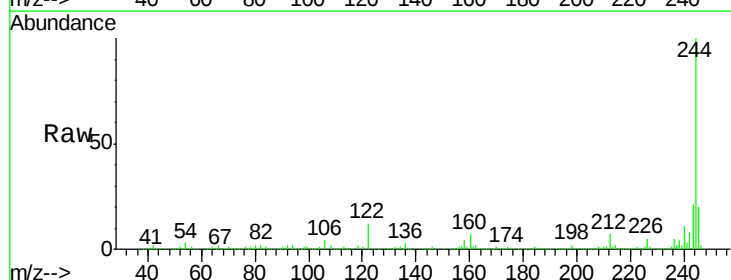
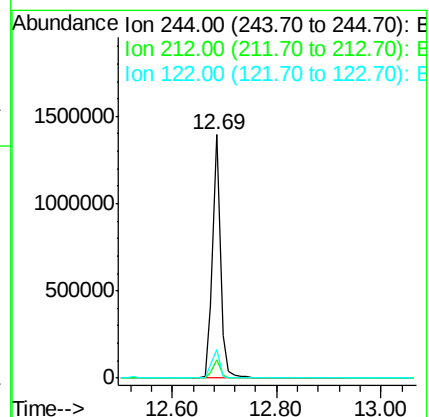
RT: 12.69 min Scan# 971

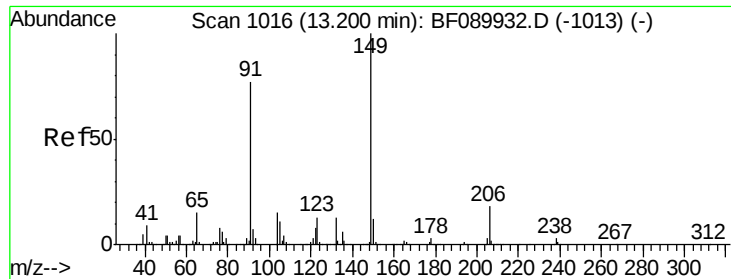
Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:	244	Resp:	1472513
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.7	9.6	14.4





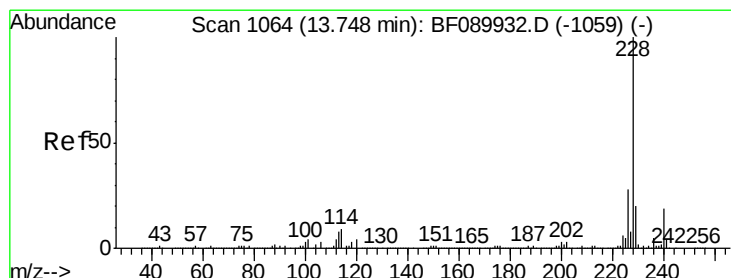
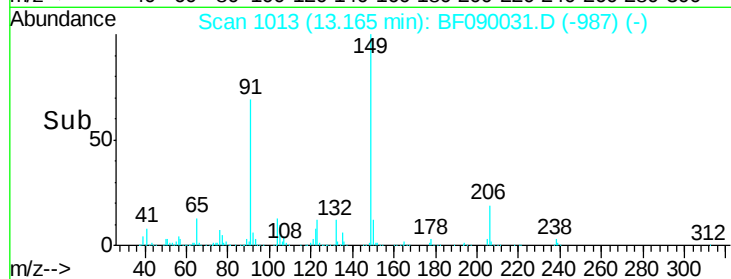
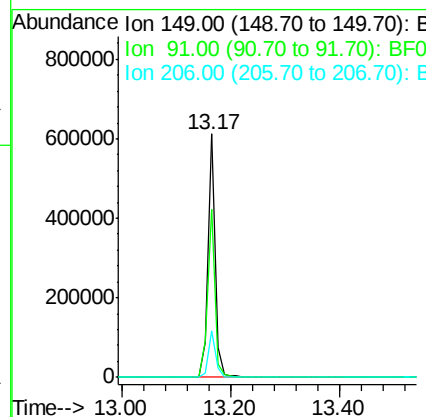
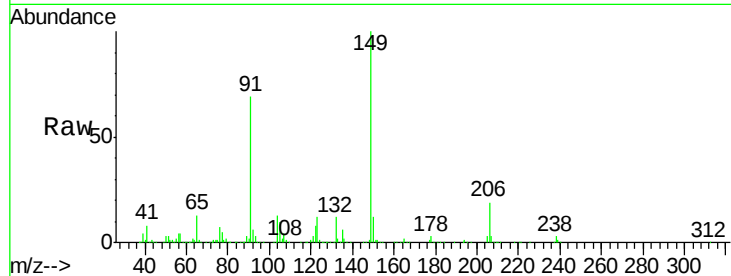
#79
Butylbenzylphthalate
Concen: 43.64 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	554652		
91	69.3	60.0	90.0	
206	19.3	15.1	22.7	

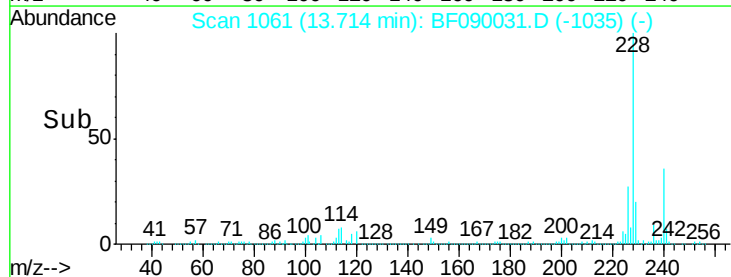
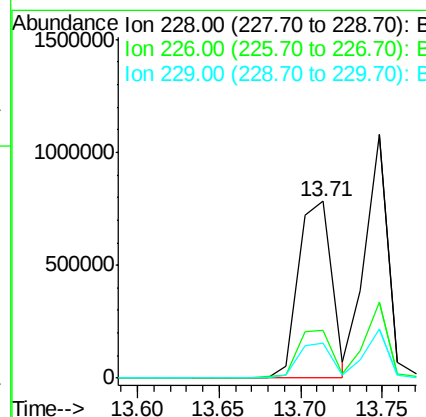
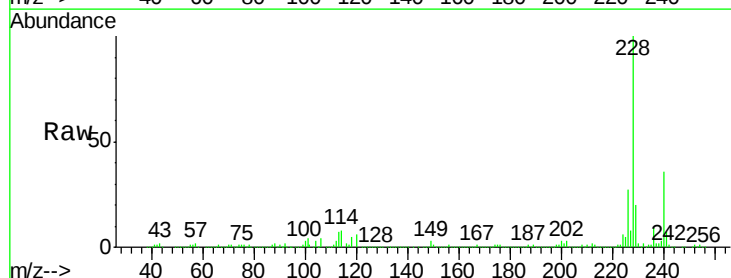
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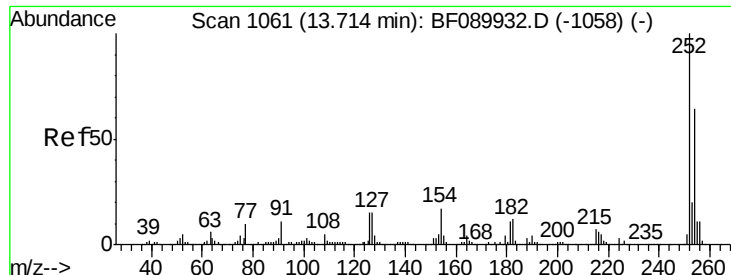
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#80
Benzo(a)anthracene
Concen: 40.75 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1115490		
226	27.0	22.2	33.2	
229	19.7	15.8	23.6	





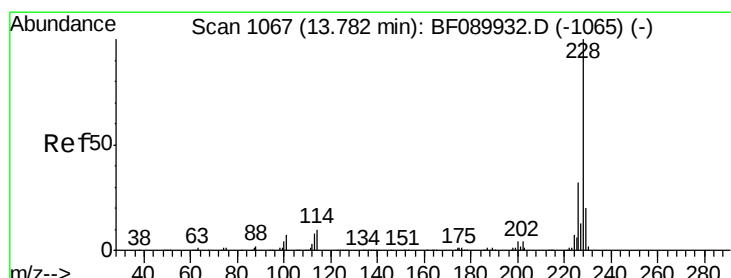
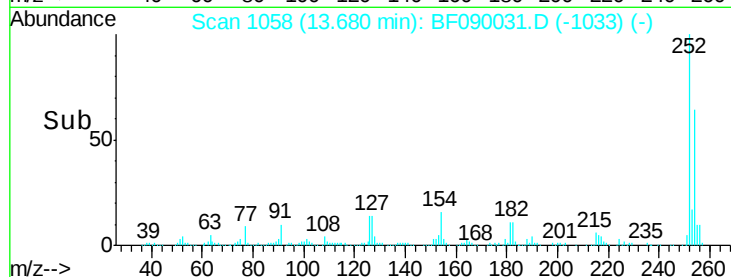
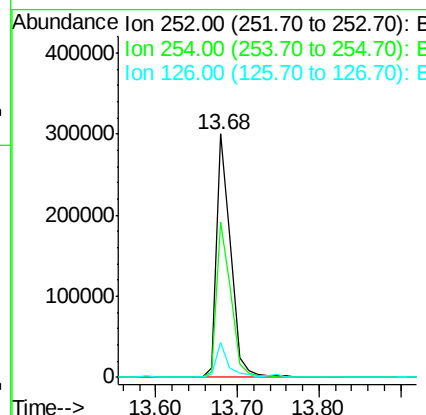
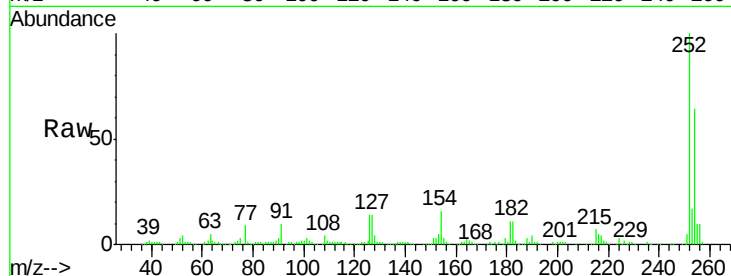
#81
 3,3'-Dichlorobenzidine
 Concen: 36.99 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.8	51.3	76.9
126	14.4	12.3	18.5

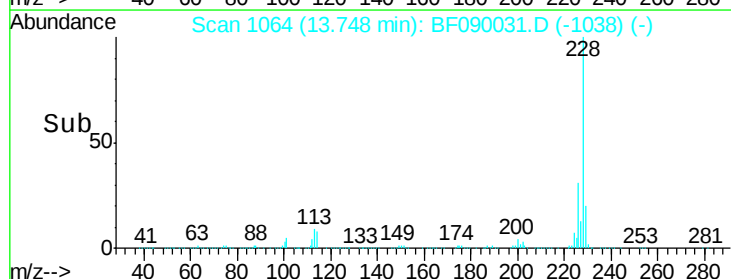
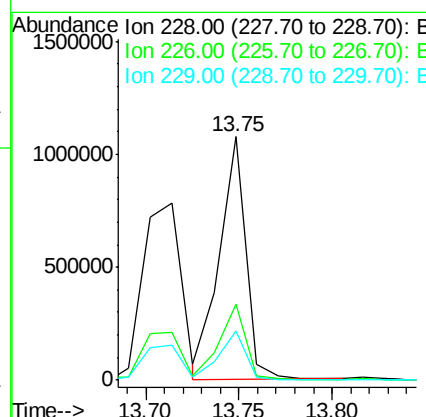
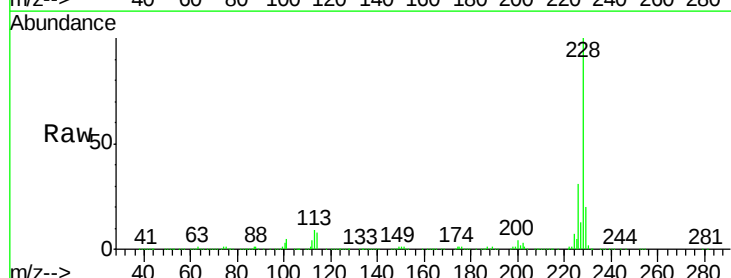
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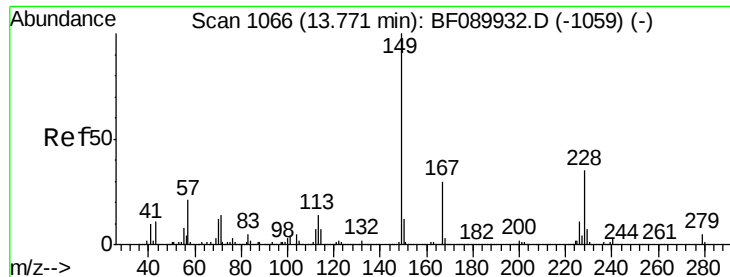
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#82
 Chrysene
 Concen: 41.53 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.2	37.8
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.39 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion:149 Resp: 692476
Ion Ratio Lower Upper

149 100

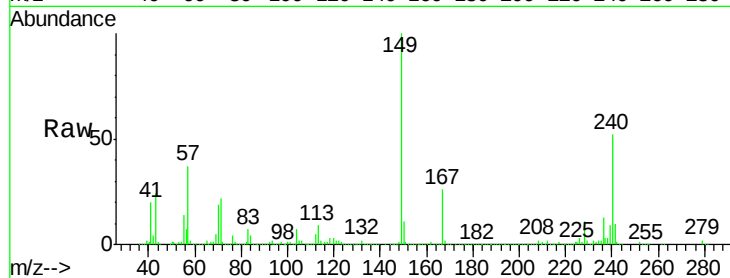
167 25.9 23.6 35.4

279 2.1 3.4 5.2#

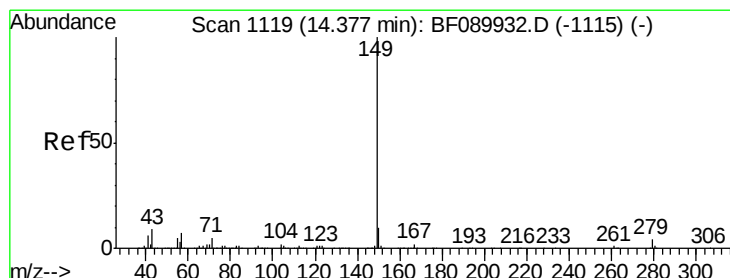
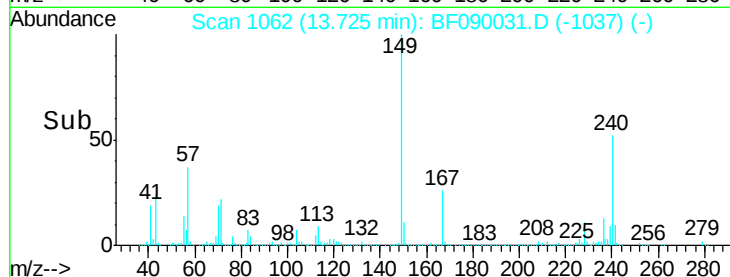
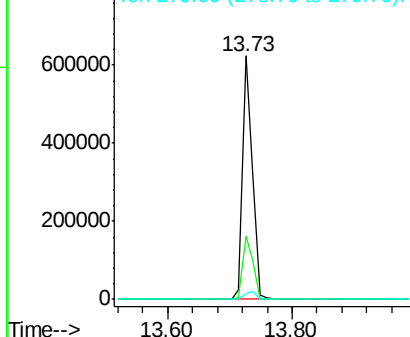
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.45 ng

RT: 14.33 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

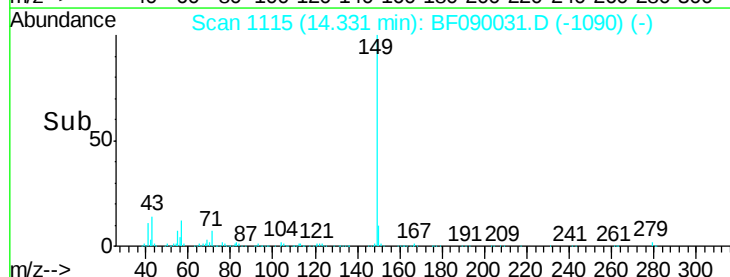
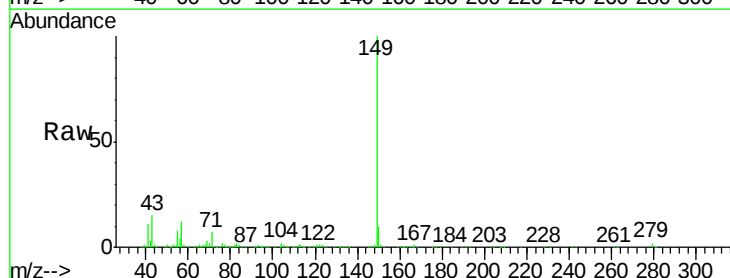
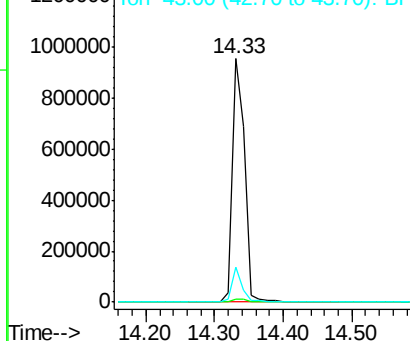
Tgt Ion:149 Resp: 1204399
Ion Ratio Lower Upper

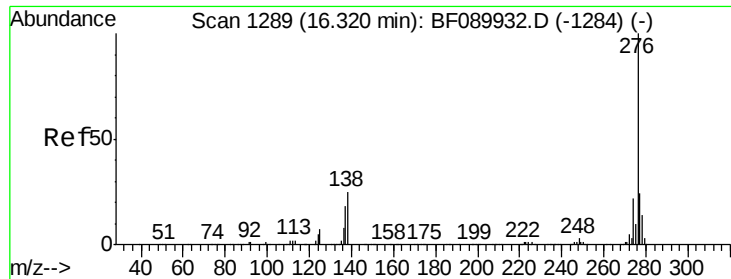
149 100

167 1.7 1.2 1.8

43 11.5 9.3 13.9

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





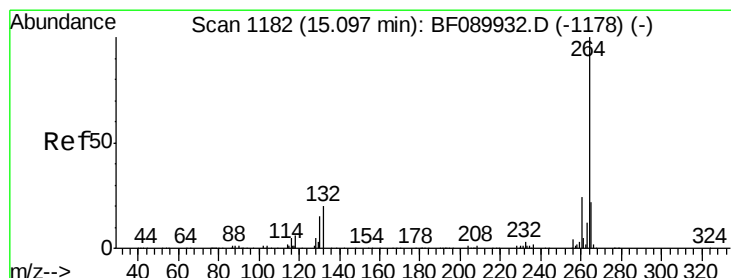
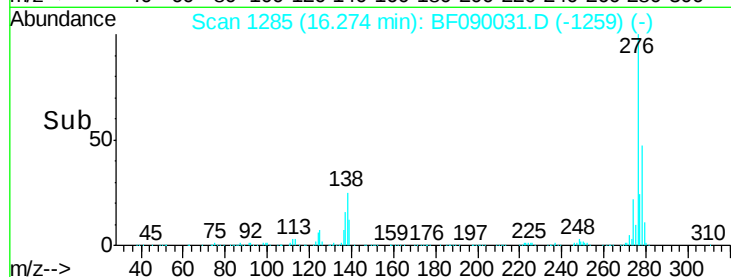
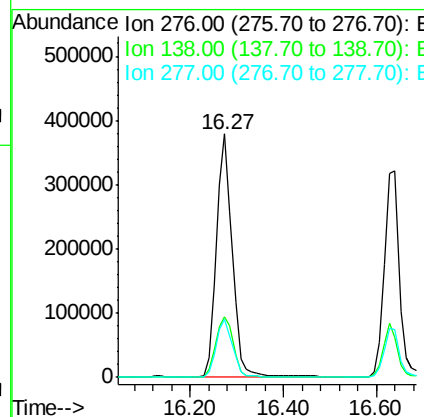
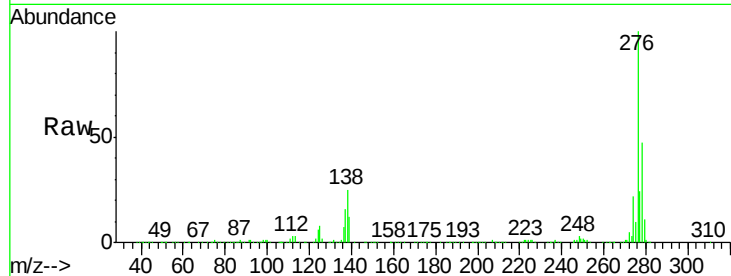
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.51 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.6	34.0
277	25.0	20.1	30.1

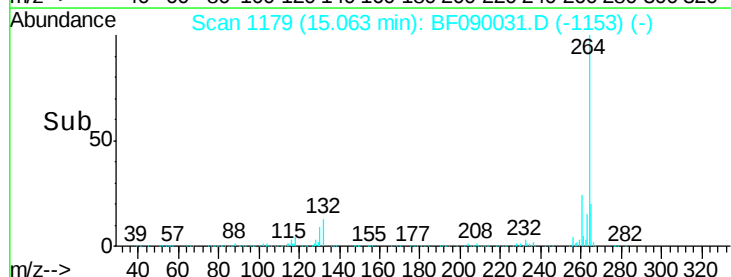
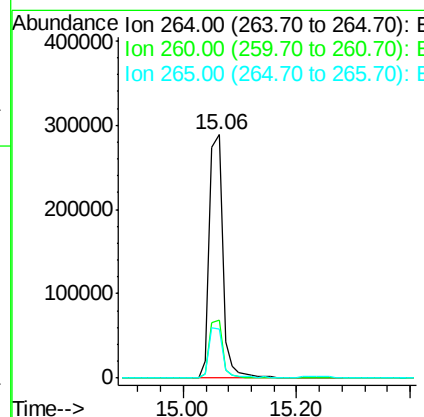
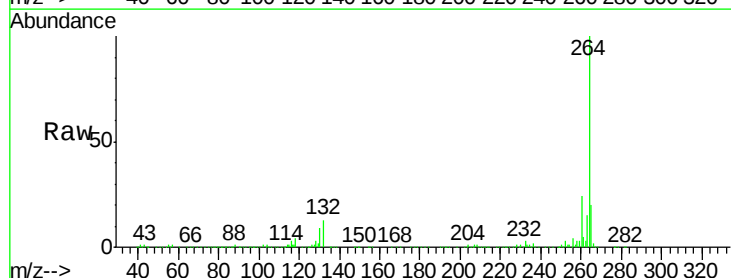
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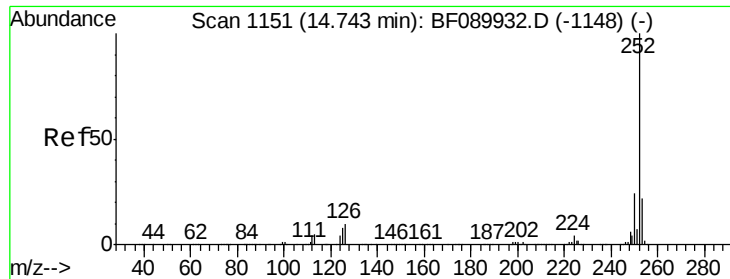
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	20.3	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 34.32 ng m

RT: 14.70 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

Tgt Ion: 252 Resp: 983483

Ion Ratio Lower Upper

252 100

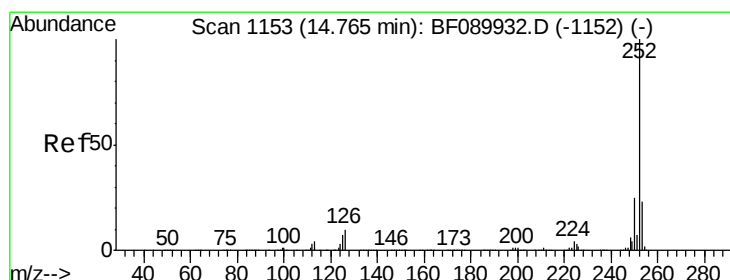
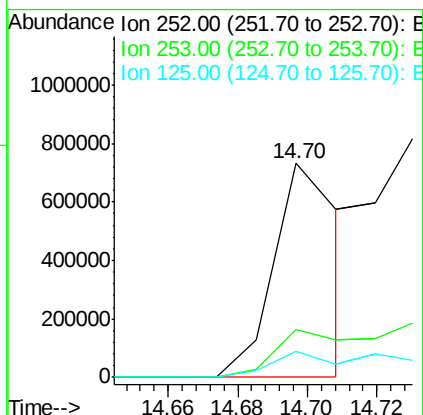
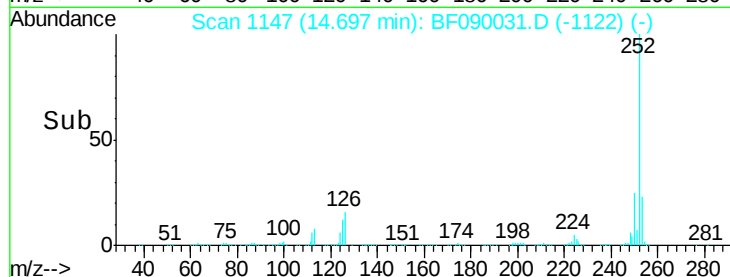
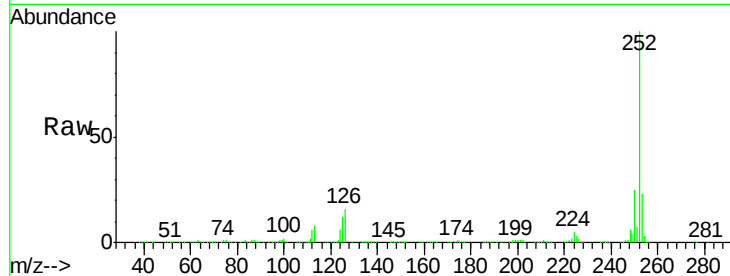
253 22.6 18.0 27.0

125 12.0 5.7 8.5#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.46 ng m

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

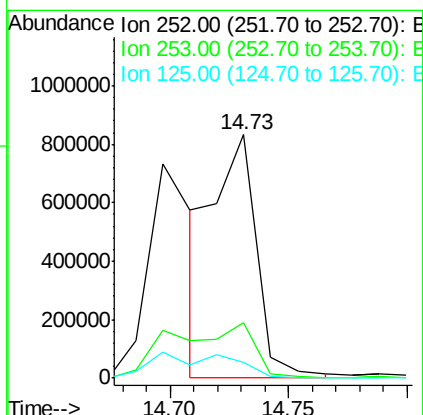
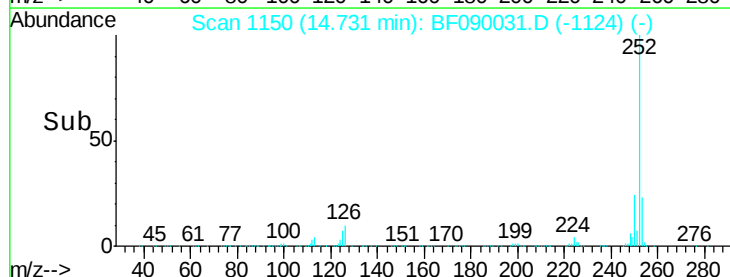
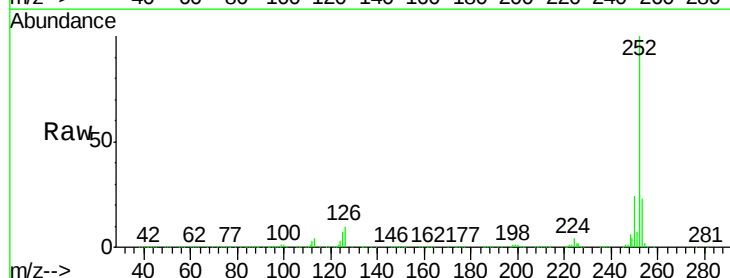
Tgt Ion: 252 Resp: 1056919

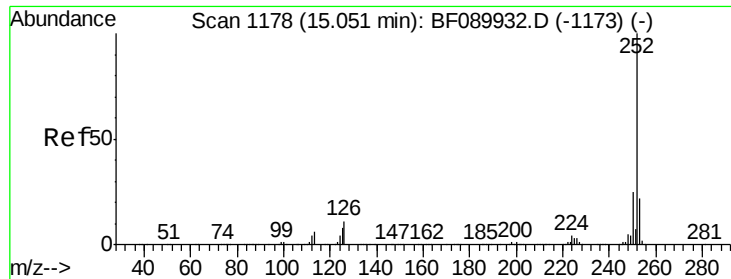
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 6.6 7.3 10.9#





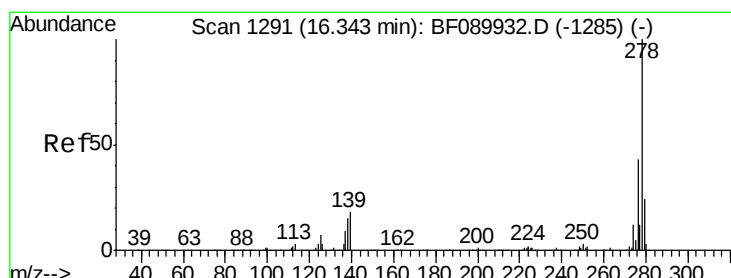
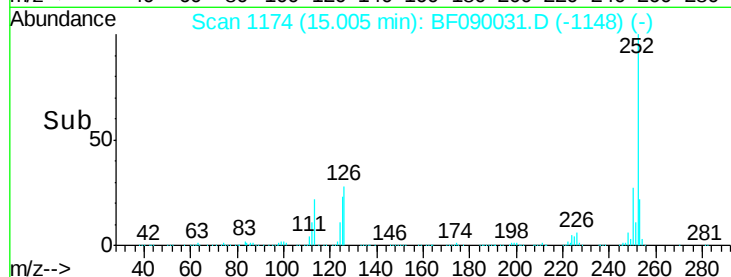
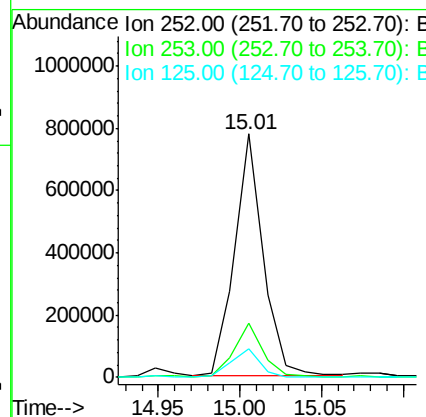
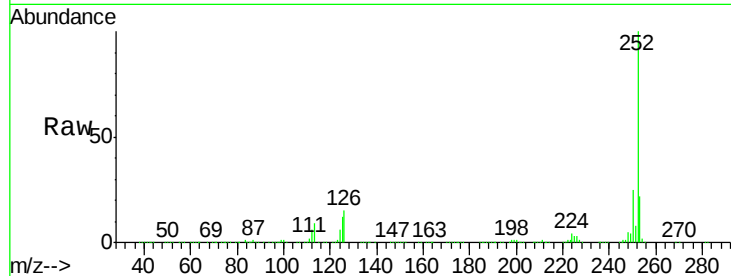
#89
Benzo(a)pyrene
Concen: 38.74 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	17.5	26.3
125	11.8	6.3	9.5

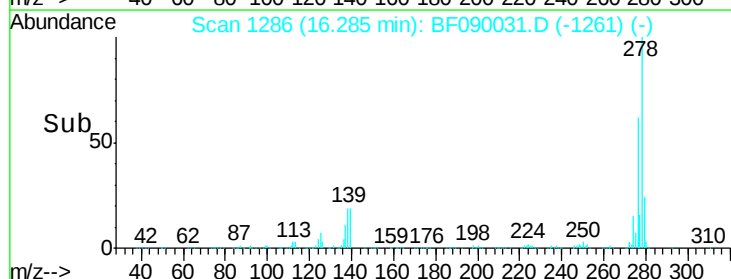
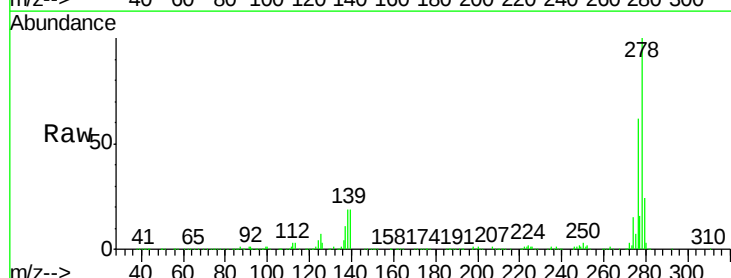
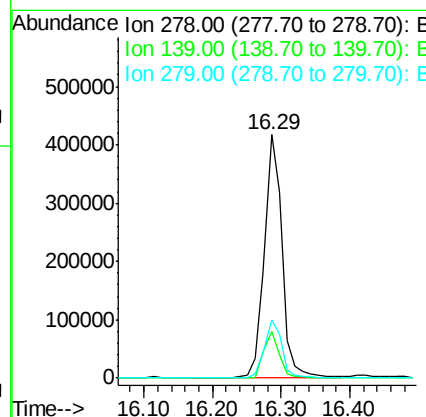
Manual Integrations
APPROVED

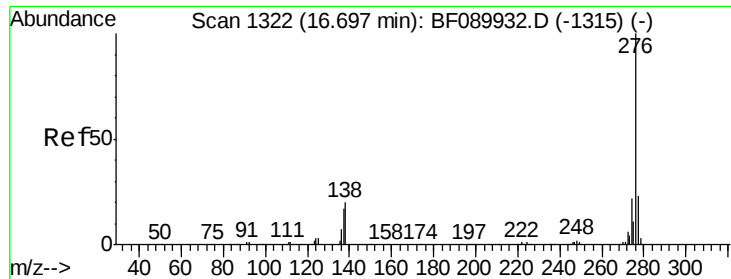
Sohil
9/9/2016 8:39:09 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.96 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.3	13.4	20.2
279	24.0	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 40.25 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.2	16.4	24.6

Manual Integrations
 APPROVED

Sohil
 9/9/2016 8:39:09 AM

