

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090032.D
 Acq On : 8 Sep 2016 18:52
 Operator : UM/SJ
 Sample : H4704-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/9/2016 8:39:51 AM

Quant Time: Sep 09 05:12:17 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	204555	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	810771	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	419179	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	765018	20.00	ng	0.00
75) Chrysene-d12	13.73	240	454559	20.00	ng	0.00
86) Perylene-d12	15.06	264	471884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1411070	110.42	ng	0.02
7) Phenol-d6	6.26	99	1742480	112.21	ng	0.01
23) Nitrobenzene-d5	7.18	82	1071459	76.64	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	426956	103.24	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1851811	72.52	ng	0.00
78) Terphenyl-d14	12.69	244	1471556	79.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	161128	26.61	ng	# 95
3) Pyridine	2.72	79	376281	23.29	ng	100
4) n-Nitrosodimethylamine	2.67	42	261183	32.79	ng	97
6) Aniline	6.26	93	562646	26.56	ng	92
8) 2-Chlorophenol	6.39	128	508258	36.66	ng	99
9) Benzaldehyde	6.14	77	67517	6.74	ng	91
10) Phenol	6.27	94	611235	33.85	ng	# 71
11) bis(2-Chloroethyl)ether	6.34	93	502059	36.74	ng	98
12) 1,3-Dichlorobenzene	6.54	146	522481m	33.74	ng	
13) 1,4-Dichlorobenzene	6.62	146	554463	35.00	ng	98
14) 1,2-Dichlorobenzene	6.78	146	499191	35.15	ng	96
15) Benzyl Alcohol	6.75	79	363761	37.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	869740	33.38	ng	92
17) 2-Methylphenol	6.88	107	407237	36.78	ng	99
18) Hexachloroethane	7.11	117	178075	32.81	ng	# 89
19) n-Nitroso-di-n-propylamine	7.03	70	336283	33.23	ng	# 87
20) 3+4-Methylphenols	7.04	107	513381	38.25	ng	# 71
22) Acetophenone	7.02	105	632778	34.79	ng	# 92
24) Nitrobenzene	7.19	77	479691	32.27	ng	96
25) Isophorone	7.44	82	980207	34.48	ng	98
26) 2-Nitrophenol	7.51	139	289103	40.69	ng	95
27) 2,4-Dimethylphenol	7.56	122	480412	36.55	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	630988	36.80	ng	99
29) 2,4-Dichlorophenol	7.76	162	443309	37.63	ng	90
30) 1,2,4-Trichlorobenzene	7.84	180	480284	37.29	ng	98
31) Naphthalene	7.91	128	1360301	33.68	ng	100
32) Benzoic acid	7.66	122	74287	8.39	ng	89
33) 4-Chloroaniline	7.96	127	484459	29.73	ng	100
34) Hexachlorobutadiene	8.03	225	265370	35.16	ng	98
35) Caprolactam	8.34	113	135667m	36.48	ng	
36) 4-Chloro-3-methylphenol	8.46	107	438636	35.15	ng	# 81
37) 2-Methylnaphthalene	8.60	142	1008062	37.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	389112	31.69	ng	99
40) Hexachlorocyclopentadiene	8.75	237	286994	45.58	ng	94

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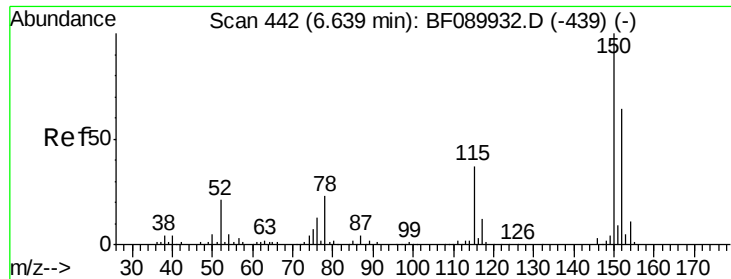
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	294533	34.61	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	335286	40.97	ng	98
45) 1,1'-Biphenyl	9.06	154	1031459	30.56	ng	99
46) 2-Chloronaphthalene	9.08	162	863651	36.17	ng	99
47) 2-Nitroaniline	9.19	65	304584	39.03	ng	# 86
48) Acenaphthylene	9.50	152	1383230	35.04	ng	99
49) Dimethylphthalate	9.38	163	1606024	53.01	ng	99
50) 2,6-Dinitrotoluene	9.44	165	257143	38.16	ng	# 69
51) Acenaphthene	9.67	154	901259	36.04	ng	99
52) 3-Nitroaniline	9.60	138	242546	31.56	ng	85
53) 2,4-Dinitrophenol	9.70	184	114531	36.04	ng	# 83
54) Dibenzofuran	9.84	168	1249192	37.27	ng	99
55) 4-Nitrophenol	9.77	139	367993	63.48	ng	# 62
56) 2,4-Dinitrotoluene	9.83	165	289605	33.89	ng	# 74
57) Fluorene	10.18	166	968742	39.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	285956	40.82	ng	92
59) Diethylphthalate	10.08	149	1041400	36.54	ng	95
60) 4-Chlorophenyl-phenylether	10.18	204	448594	38.92	ng	95
61) 4-Nitroaniline	10.20	138	247036	32.71	ng	91
62) Azobenzene	10.33	77	1051926	36.95	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	111297	22.72	ng	# 62
65) n-Nitrosodiphenylamine	10.30	169	833700	36.25	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	310046	40.26	ng	99
67) Hexachlorobenzene	10.72	284	291089	33.09	ng	100
68) Atrazine	10.83	200	296577	38.63	ng	95
69) Pentachlorophenol	10.91	266	294425	62.21	ng	99
70) Phenanthrene	11.13	178	1410161	37.02	ng	100
71) Anthracene	11.18	178	1427355	36.94	ng	99
72) Carbazole	11.34	167	1241149	34.26	ng	99
73) Di-n-butylphthalate	11.69	149	1542329	36.52	ng	# 97
74) Fluoranthene	12.31	202	1460415	36.58	ng	99
76) Benzidine	12.45	184	711730	41.33	ng	95
77) Pyrene	12.53	202	1305057	40.72	ng	99
79) Butylbenzylphthalate	13.17	149	560643	43.38	ng	95
80) Benzo(a)anthracene	13.71	228	1125054	40.41	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	374649	37.28	ng	99
82) Chrysene	13.75	228	1070395	41.16	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	703707	39.36	ng	# 94
84) Di-n-octyl phthalate	14.34	149	1215863	42.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	909788	47.32	ng	99
87) Benzo(b)fluoranthene	14.70	252	1374215m	46.49	ng	
88) Benzo(k)fluoranthene	14.73	252	704516m	28.09	ng	
89) Benzo(a)pyrene	15.01	252	955427	37.72	ng	# 96
90) Dibenzo(a,h)anthracene	16.29	278	751121	40.48	ng	97
91) Benzo(g,h,i)perylene	16.63	276	737644	39.49	ng	# 95

(#) = 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: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

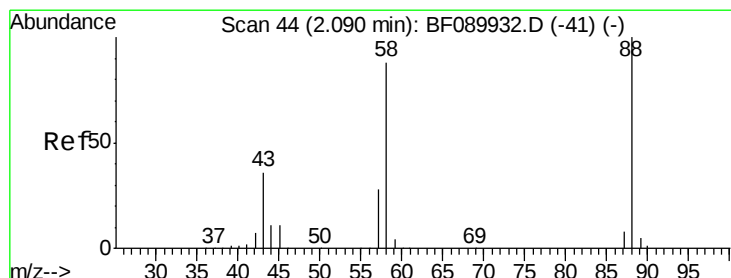
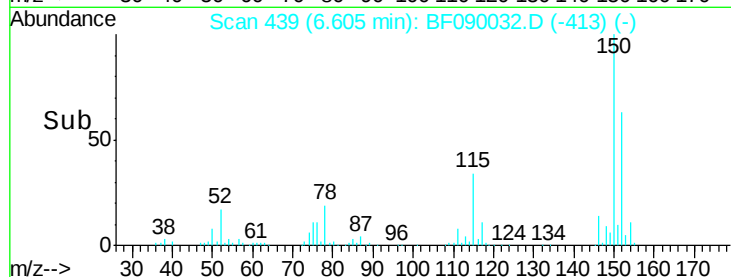
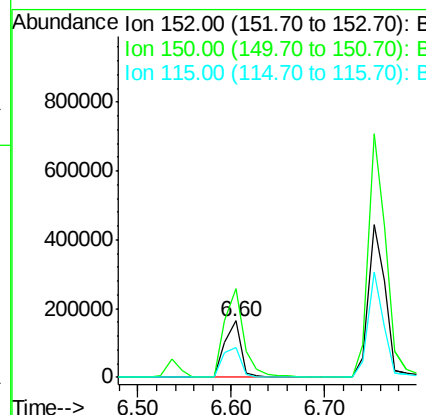
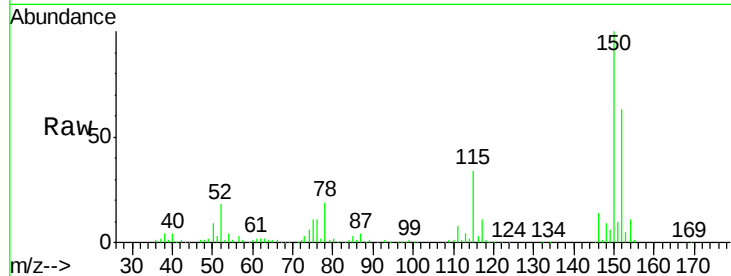
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	152	Resp:	204555
Ion Ratio	Lower	Upper	
152	100		
150	157.5	127.4	191.2
115	53.6	46.3	69.5

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#2

1,4-Dioxane

Concen: 26.61 ng

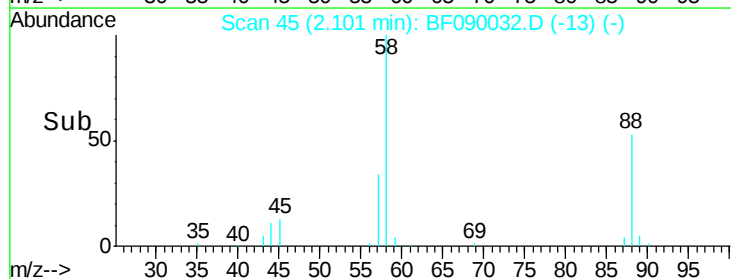
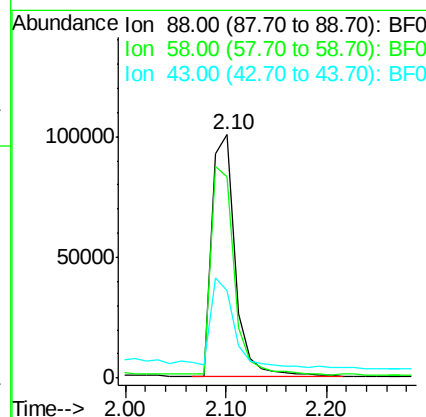
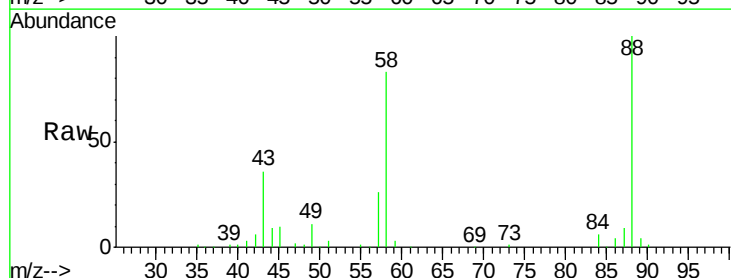
RT: 2.10 min Scan# 45

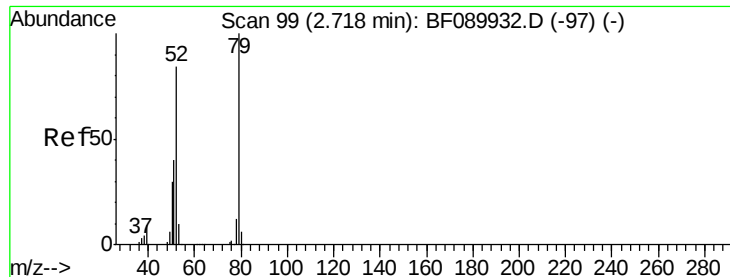
Delta R.T. 0.07 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	88	Resp:	161128
Ion Ratio	Lower	Upper	
88	100		
58	87.9	68.8	103.2
43	41.8	27.0	40.6#





#3

Pyridine

Concen: 23.29 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

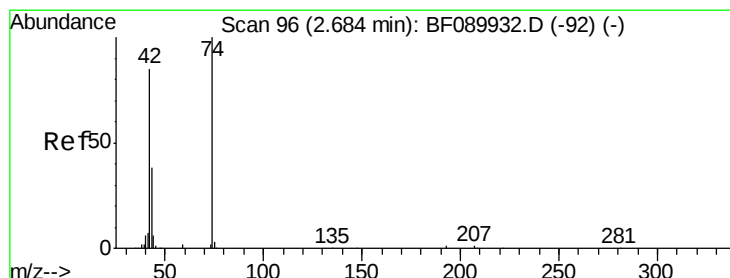
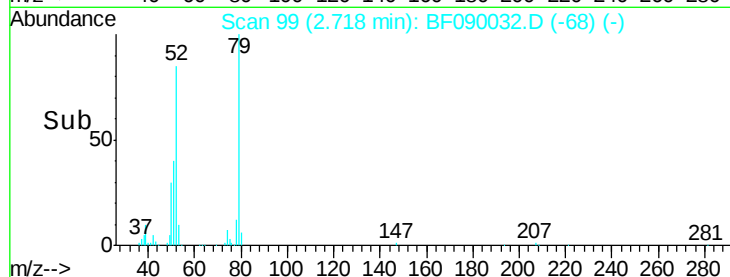
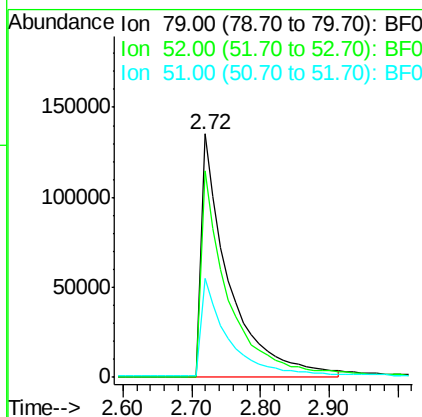
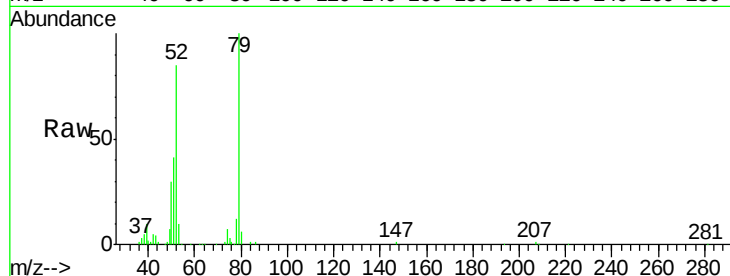
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	79	Resp:	376281
Ion	Ratio	Lower	Upper
79	100		
52	84.6	67.8	101.6
51	40.6	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 32.79 ng

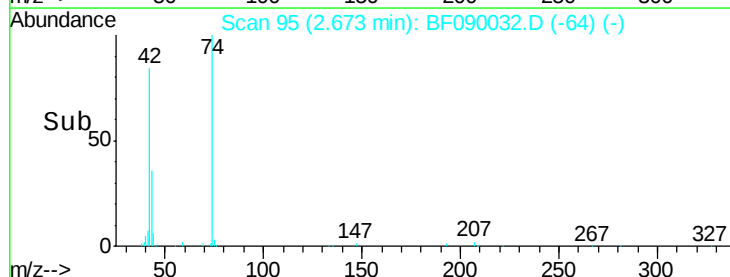
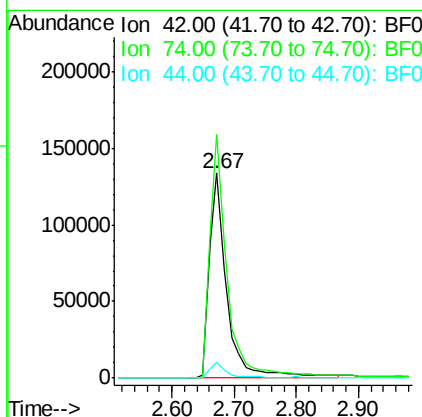
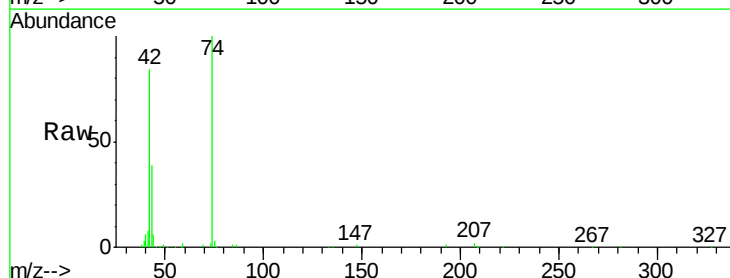
RT: 2.67 min Scan# 95

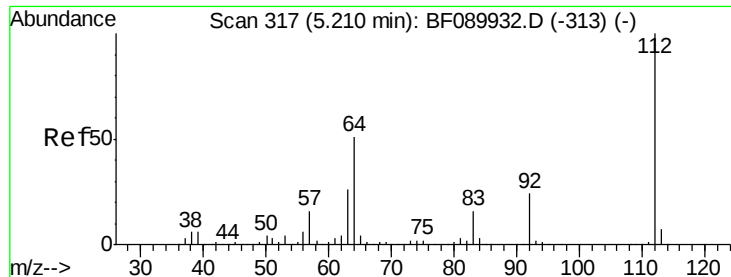
Delta R.T. 0.06 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	42	Resp:	261183
Ion	Ratio	Lower	Upper
42	100		
74	119.0	92.0	138.0
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 110.42 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.02 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion: 112 Resp: 1411070

Ion Ratio Lower Upper

112 100

64 49.1 41.1 61.7

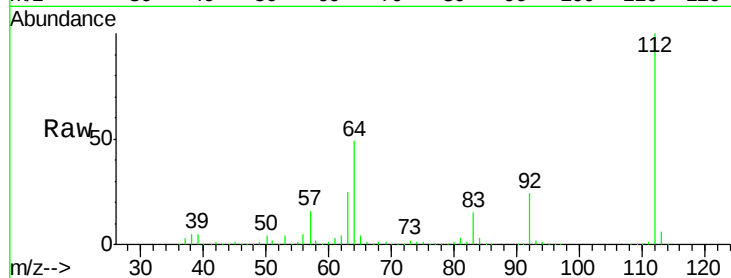
63 25.3 21.2 31.8

Manual Integrations

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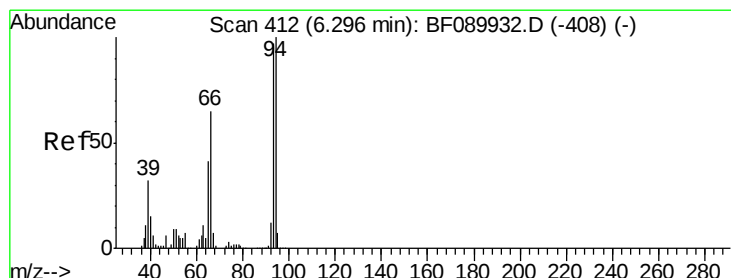
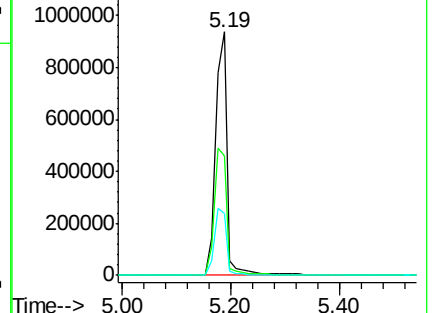
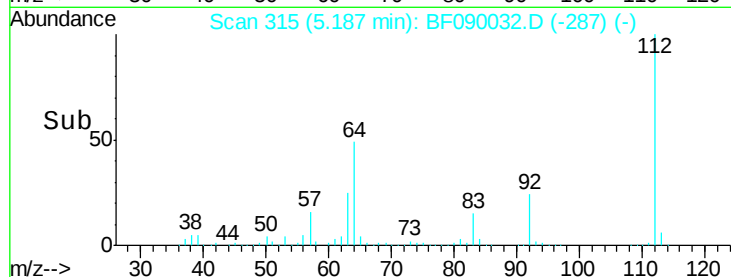
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.56 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

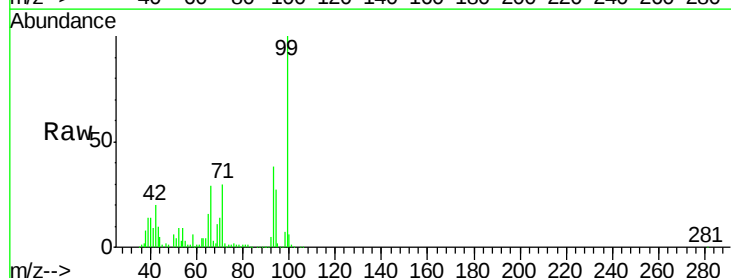
Tgt Ion: 93 Resp: 562646

Ion Ratio Lower Upper

93 100

66 76.7 52.9 79.3

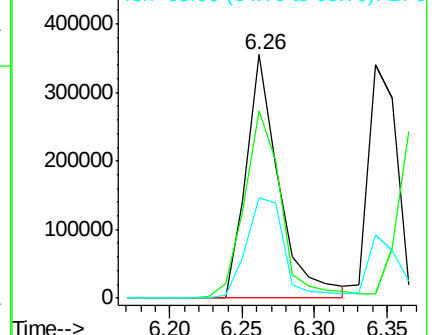
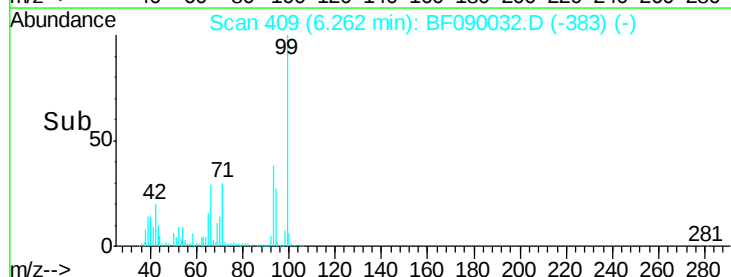
65 41.3 33.0 49.6

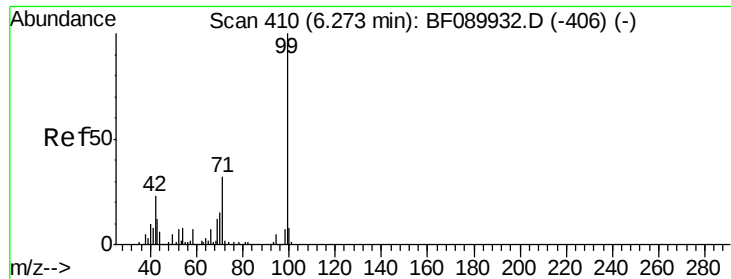


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.21 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion: 99 Resp: 1742480

Ion Ratio Lower Upper

99 100

42 19.8 18.6 27.8

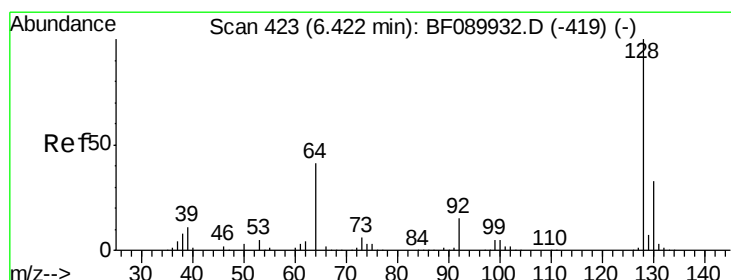
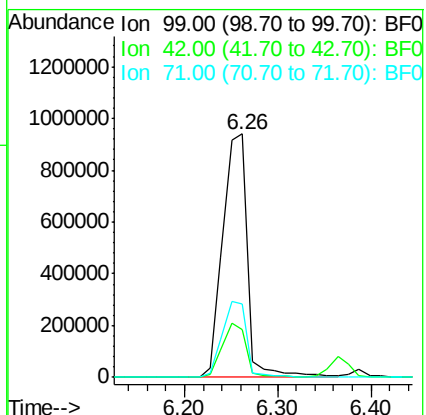
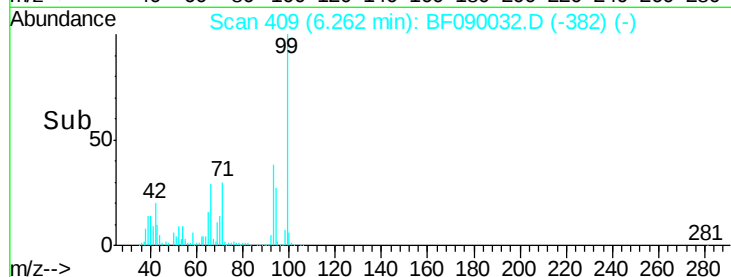
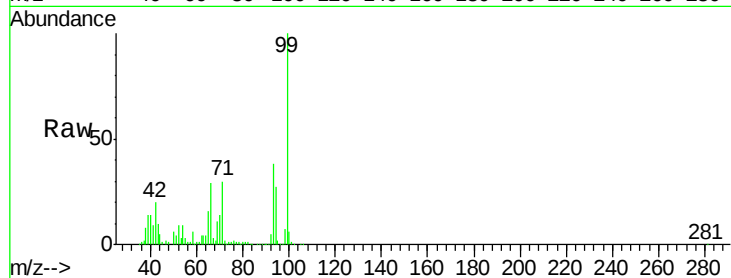
71 30.1 25.8 38.6

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#8

2-Chlorophenol

Concen: 36.66 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

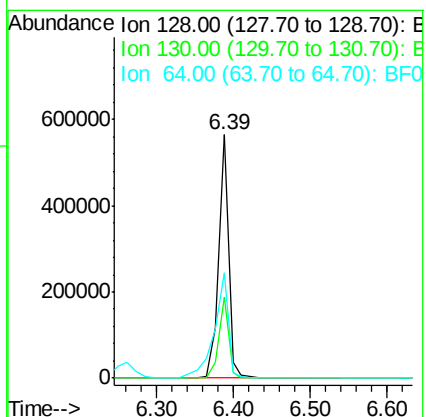
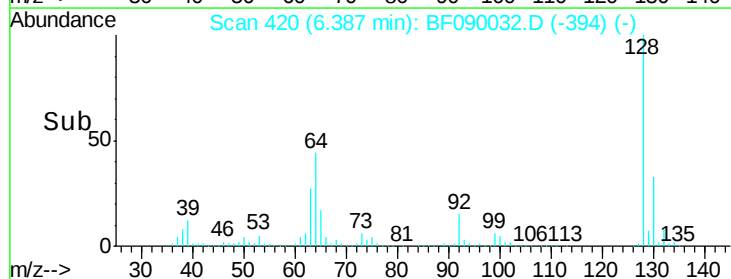
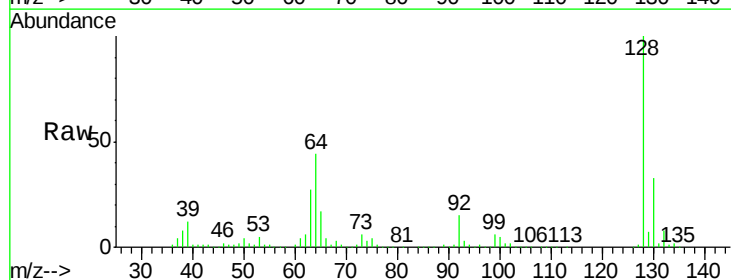
Tgt Ion: 128 Resp: 508258

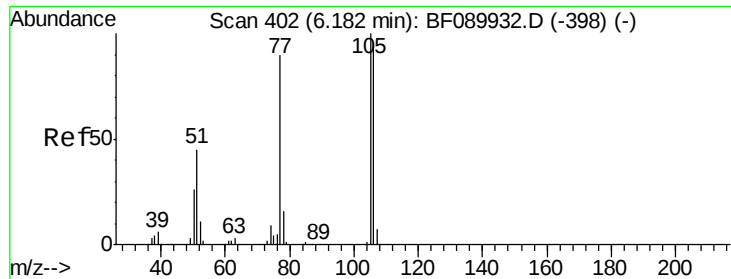
Ion Ratio Lower Upper

128 100

130 33.5 12.8 52.8

64 43.5 23.2 63.2





#9

Benzaldehyde

Concen: 6.74 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

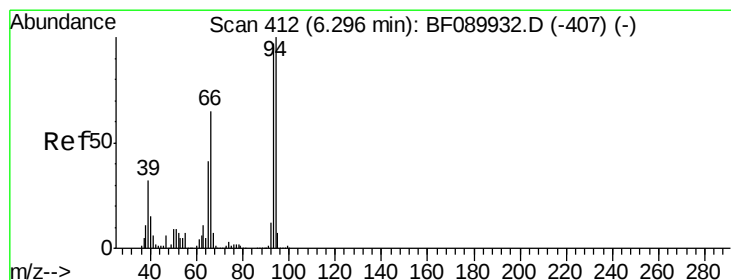
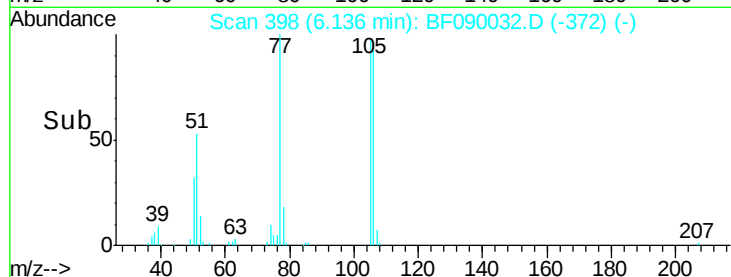
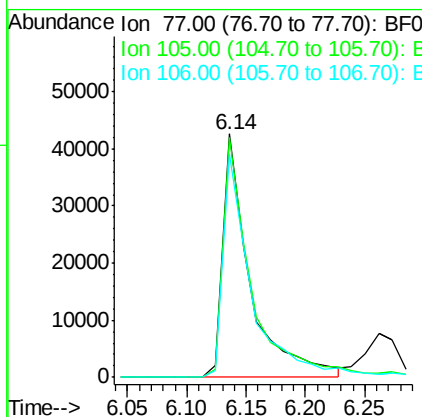
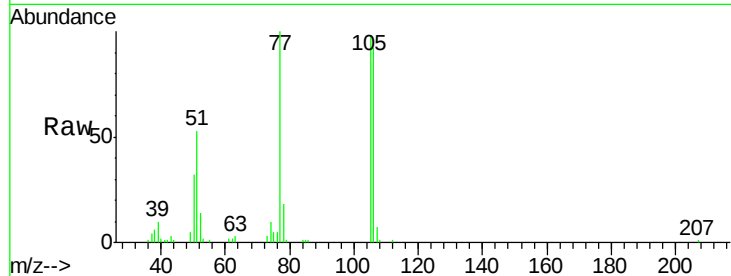
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	77	Resp:	67517
Ion	Ratio	Lower	Upper
77	100		
105	98.5	85.4	125.4
106	91.6	83.4	123.4

Manual Integrations
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#10

Phenol

Concen: 33.85 ng

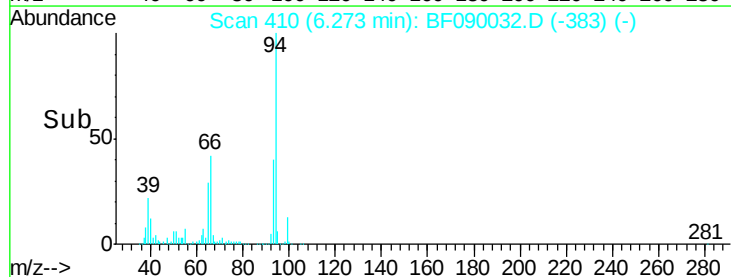
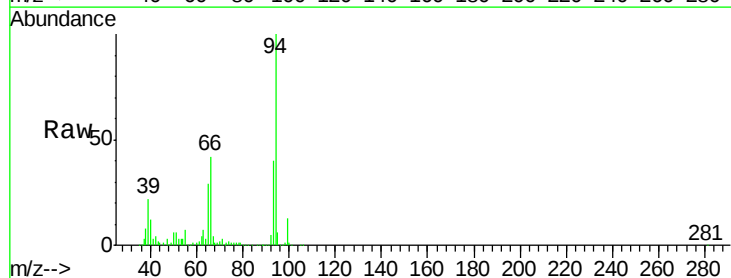
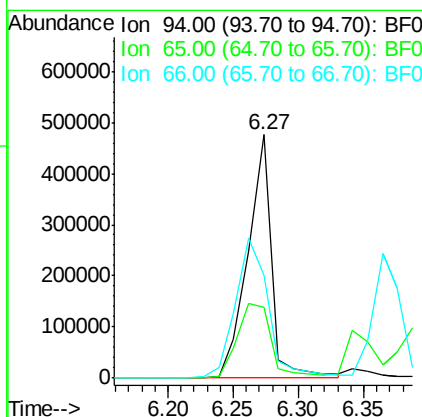
RT: 6.27 min Scan# 410

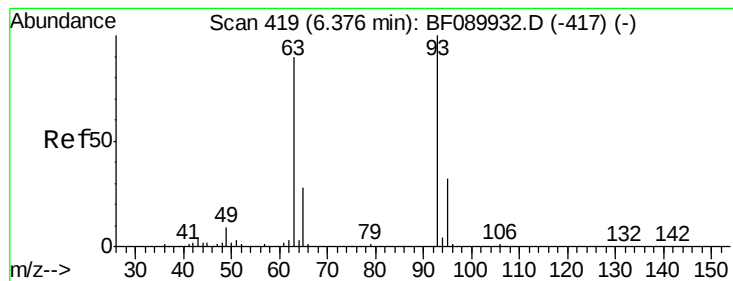
Delta R.T. 0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	94	Resp:	611235
Ion	Ratio	Lower	Upper
94	100		
65	29.1	23.2	63.2
66	42.2	49.2	89.2#





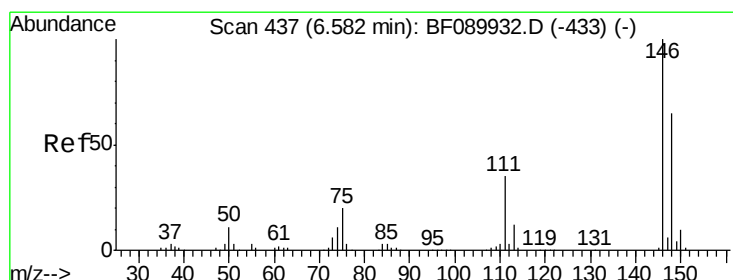
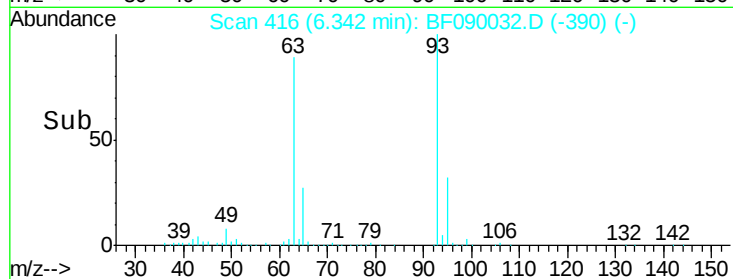
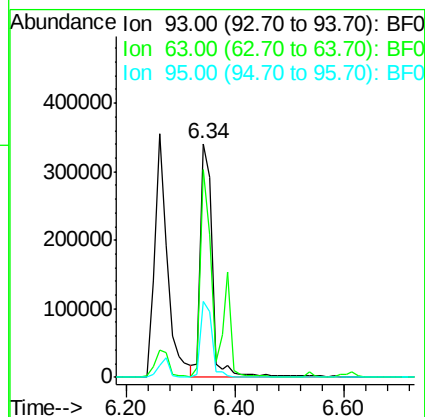
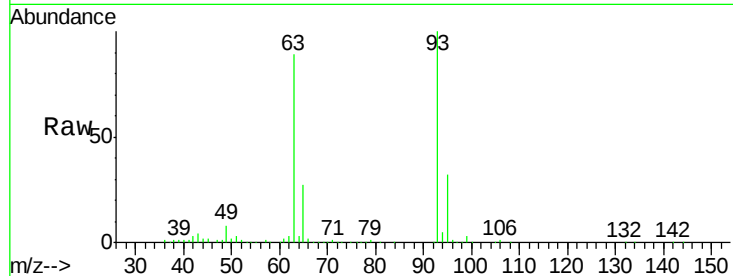
#11
bis(2-Chloroethyl)ether
Concen: 36.74 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	502059		
63	88.9	71.1	111.1	
95	32.3	12.4	52.4	

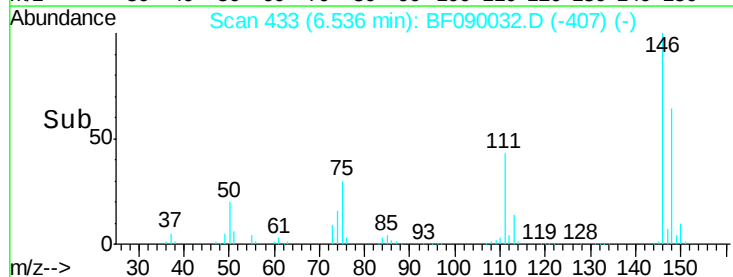
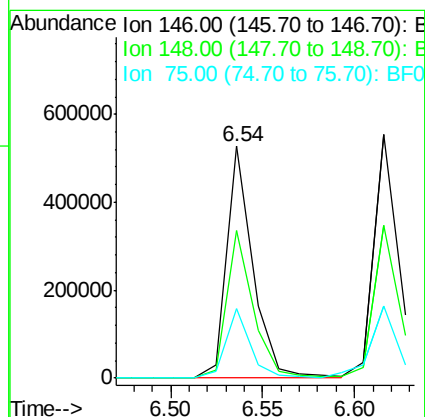
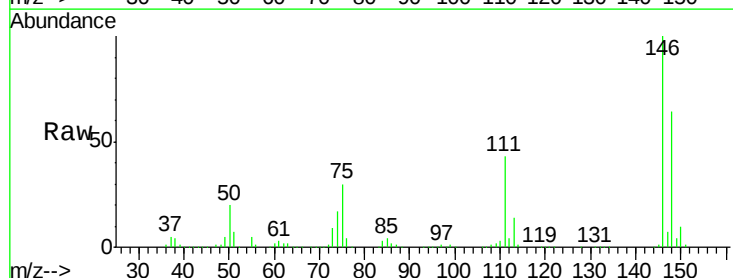
Manual Integrations
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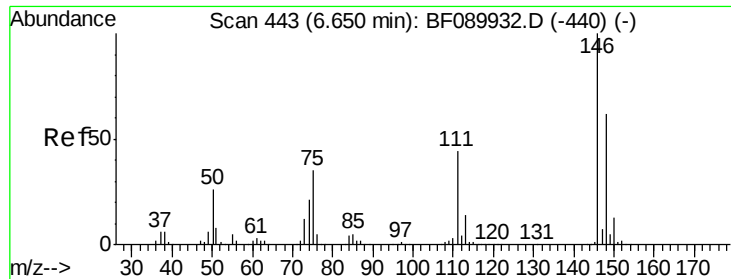
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.74 ng m
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	522481		
148	63.7	52.5	78.7	
75	30.0	16.6	24.8	





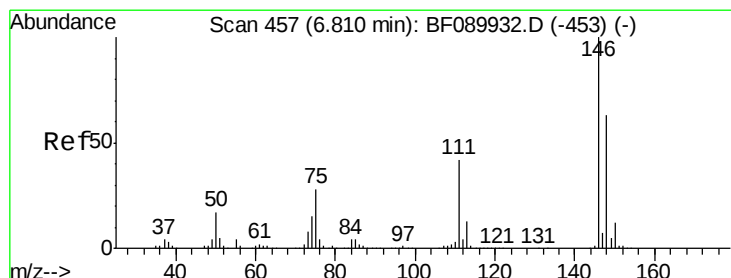
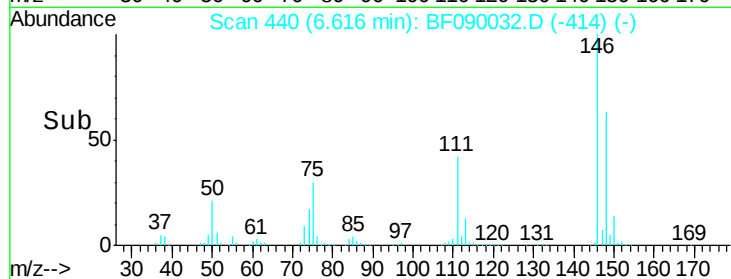
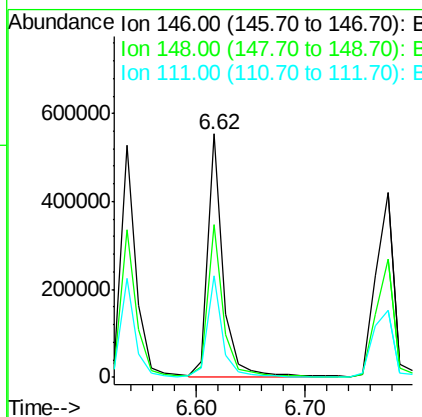
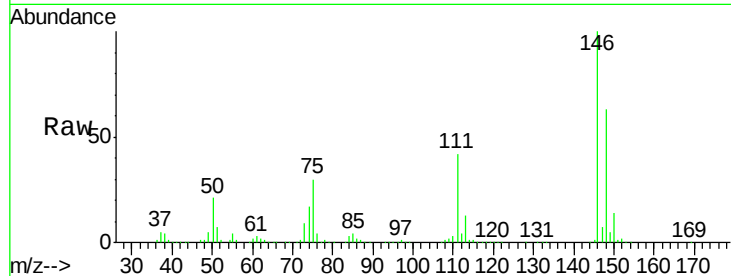
#13
 1,4-Dichlorobenzene
 Concen: 35.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.1	75.1
111	41.6	35.8	53.6

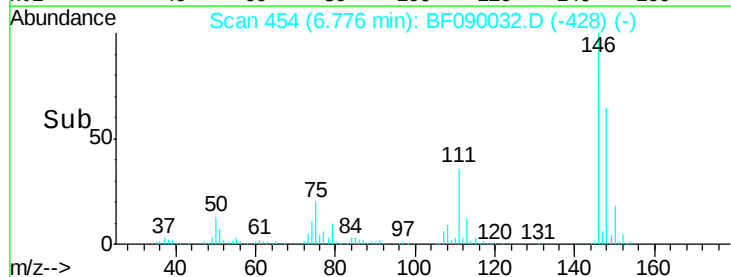
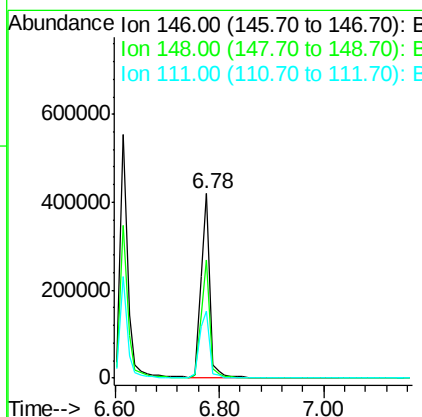
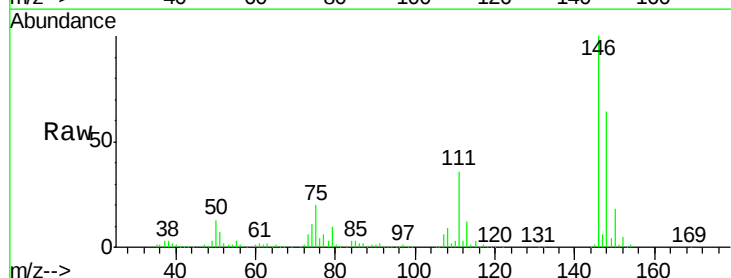
Manual Integrations
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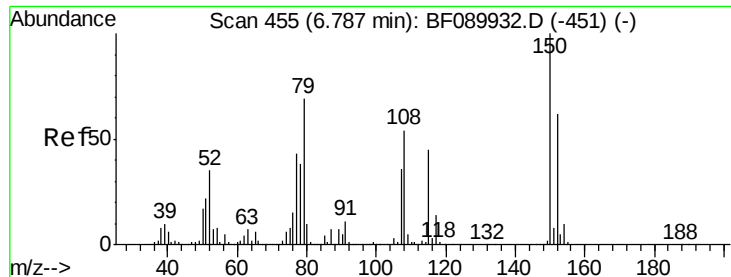
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.15 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	36.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.39 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

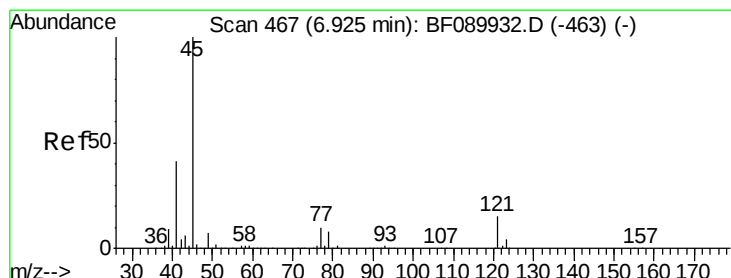
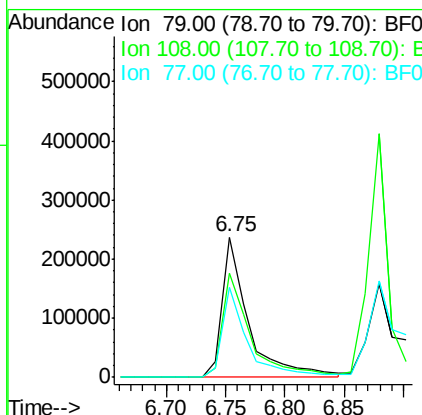
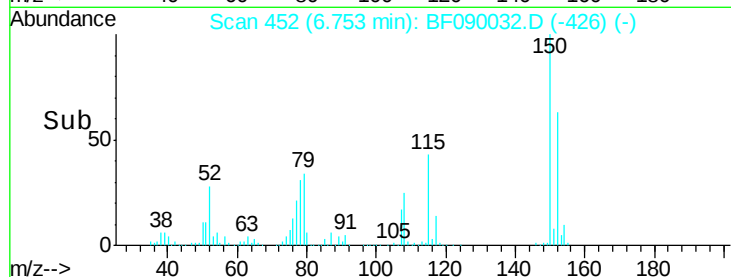
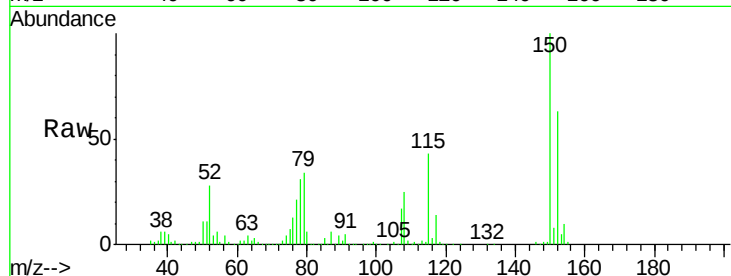
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	79	Resp:	363761
Ion Ratio	Lower	Upper	
79	100		
108	73.7	62.1	93.1
77	63.9	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.38 ng

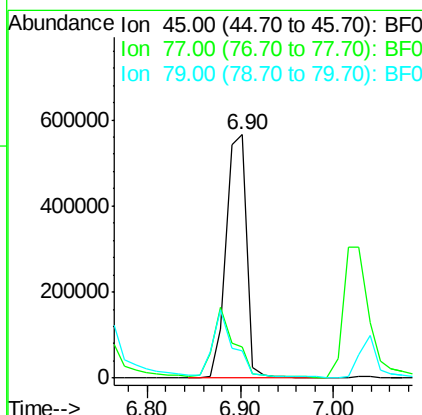
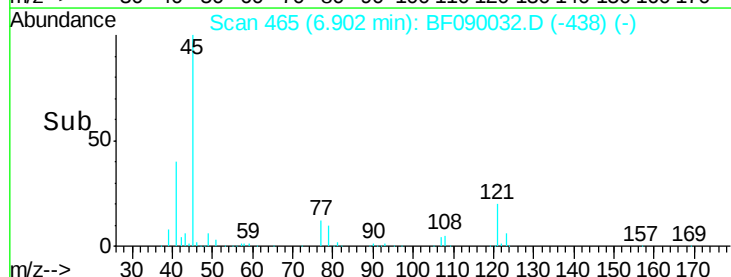
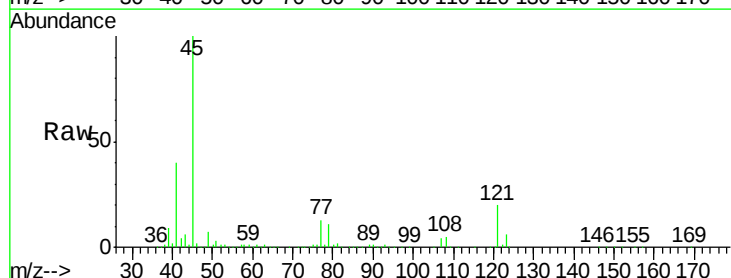
RT: 6.90 min Scan# 465

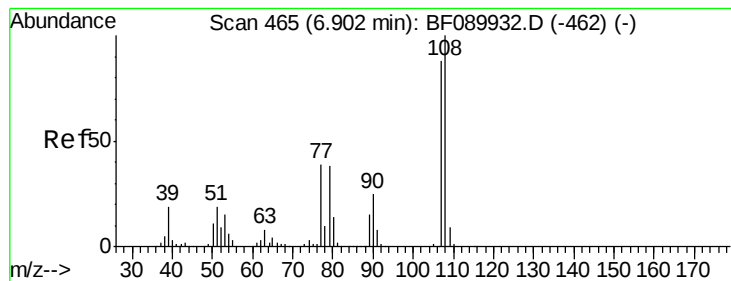
Delta R.T. 0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	45	Resp:	869740
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	30.3
79	11.1	0.0	27.5





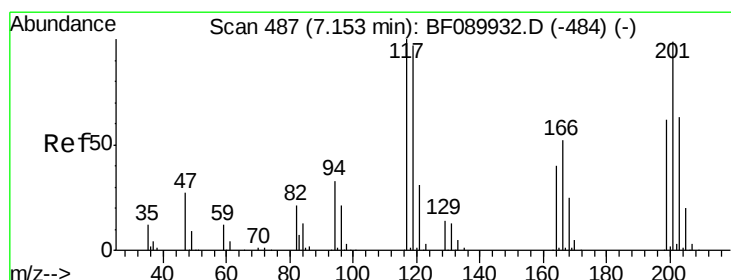
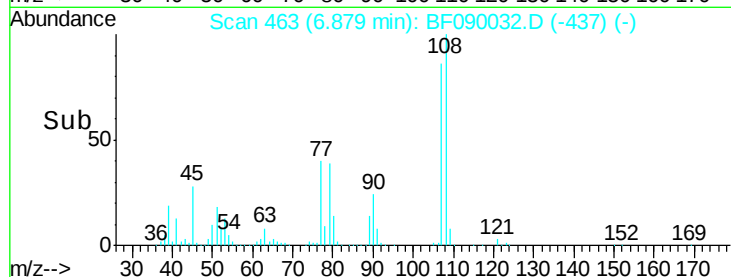
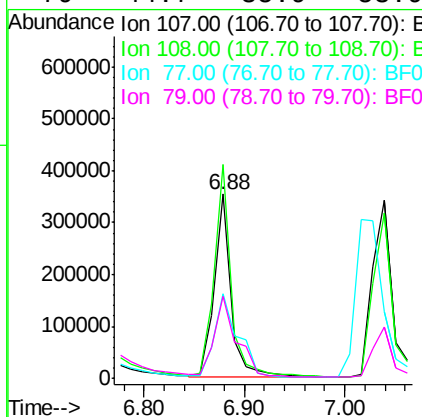
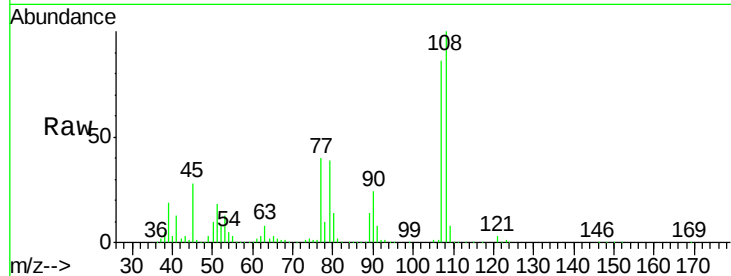
#17
2-Methylphenol
Concen: 36.78 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion:	107	Resp:	407237
Ion Ratio	Lower	Upper	
107	100		
108	116.0	91.8	137.6
77	46.0	36.0	54.0
79	44.7	35.9	53.9

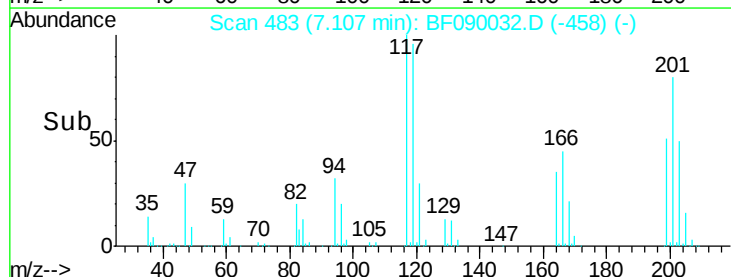
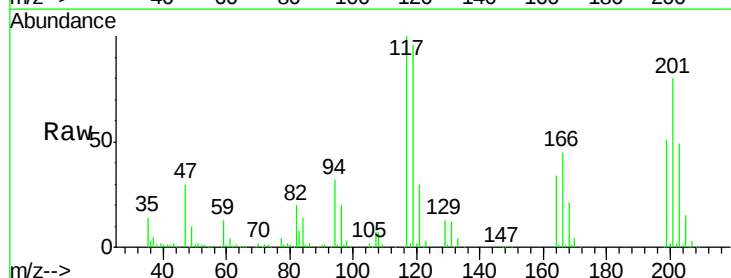
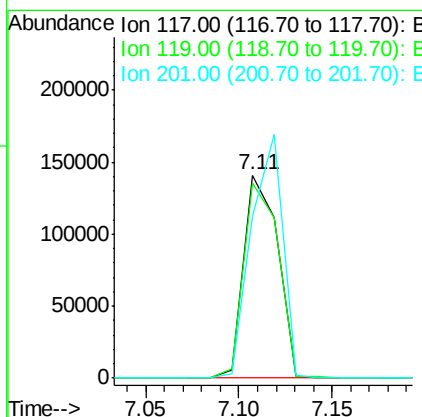
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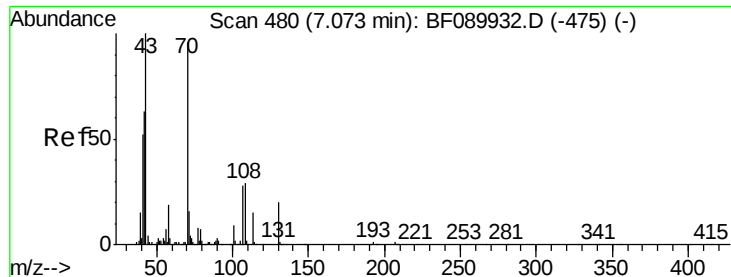
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#18
Hexachloroethane
Concen: 32.81 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:	117	Resp:	178075
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.2	114.2
201	79.6	80.2	120.2#





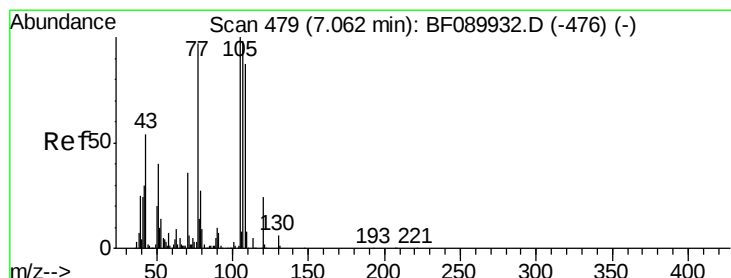
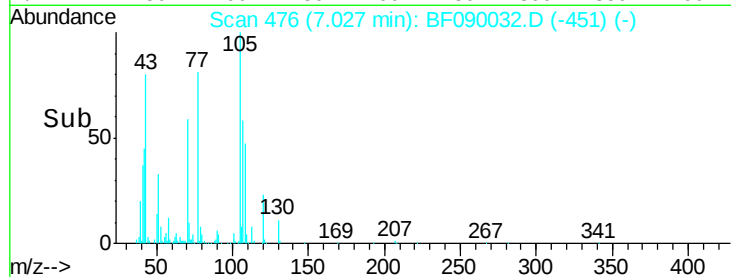
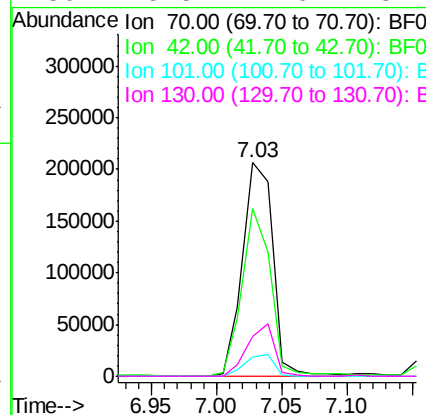
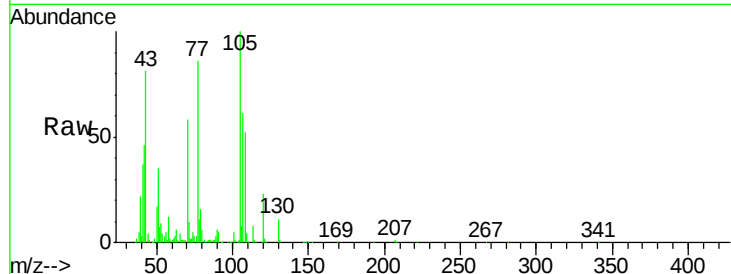
#19
n-Nitroso-di-n-propylamine
Concen: 33.23 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	78.5	52.1	78.1#
101	9.0	7.4	11.2
130	18.5	17.0	25.4

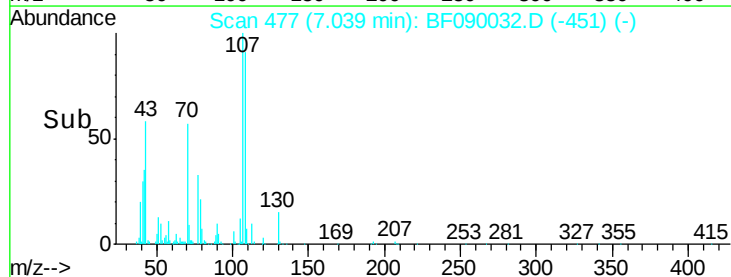
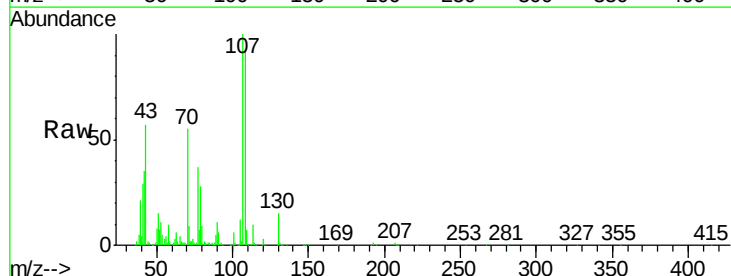
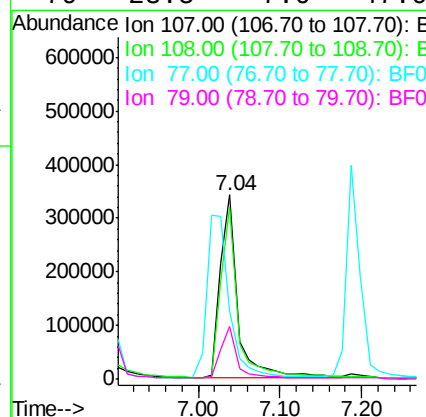
Manual Integrations
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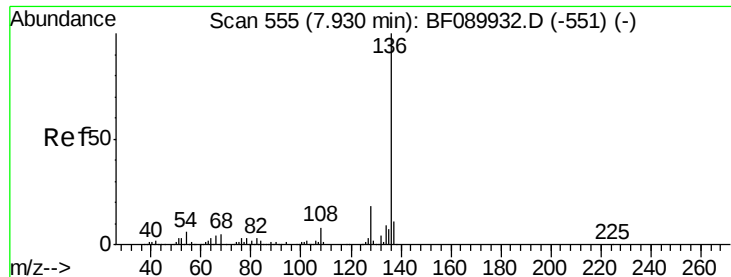
Sohil
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#20
3+4-Methylphenols
Concen: 38.25 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	70.2	110.2
77	37.1	75.7	115.7#
79	28.5	7.0	47.0





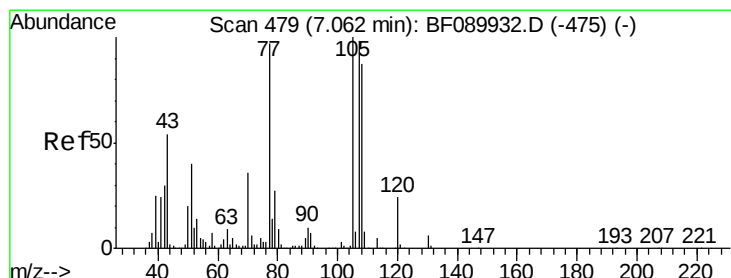
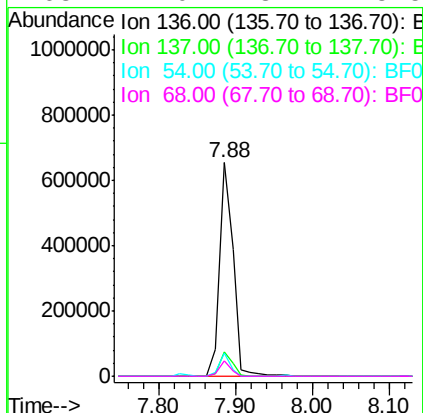
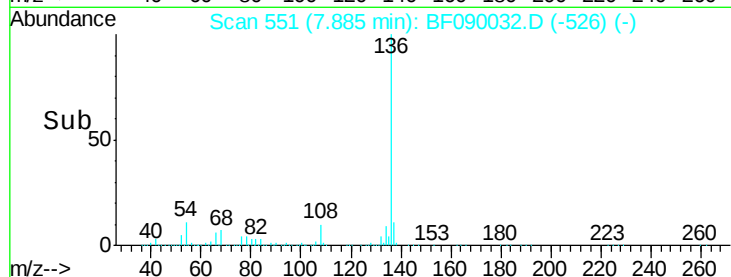
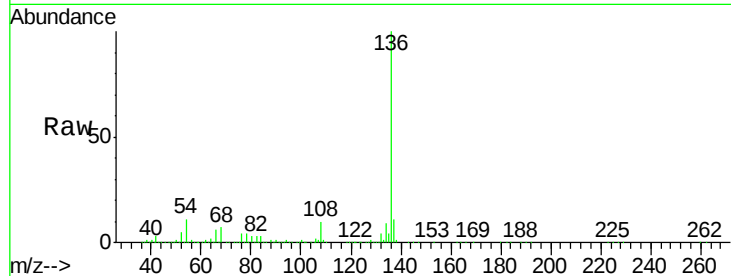
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	810771		
137	11.4	8.3	12.5	
54	10.9	4.8	7.2#	
68	7.0	3.7	5.5#	

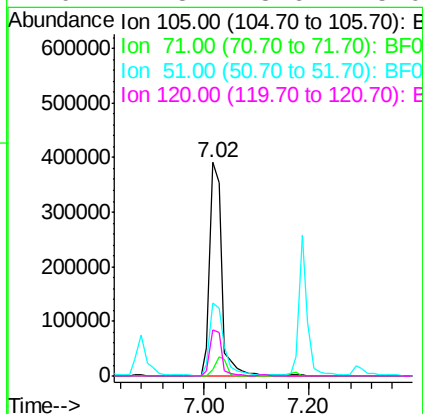
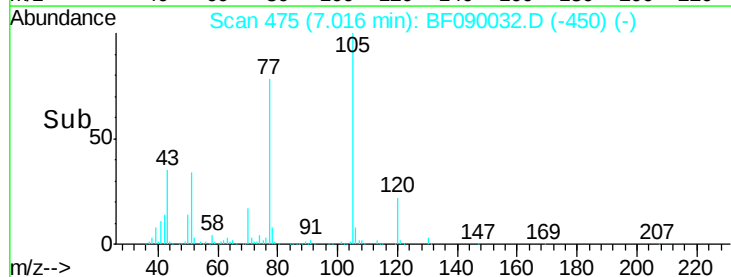
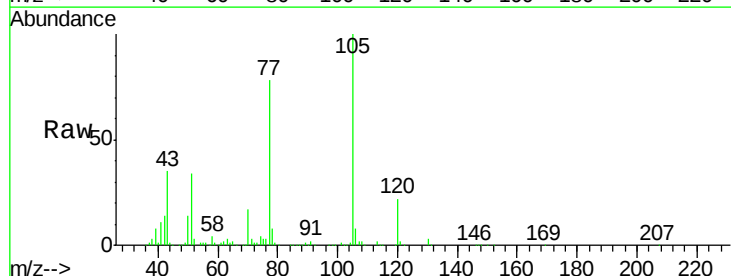
Manual Integrations
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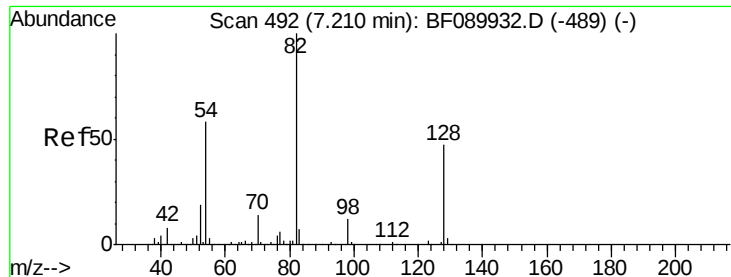
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#22
Acetophenone
Concen: 34.79 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	632778		
71	2.9	5.3	7.9#	
51	34.0	32.6	48.8	
120	21.8	18.6	28.0	





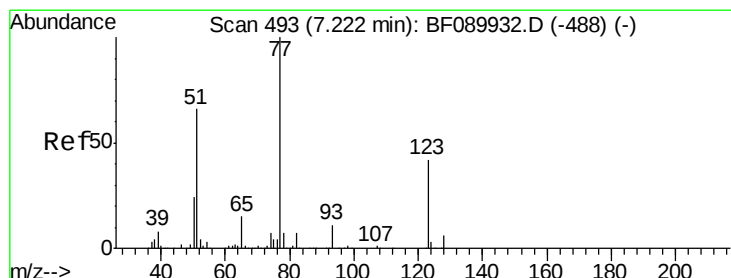
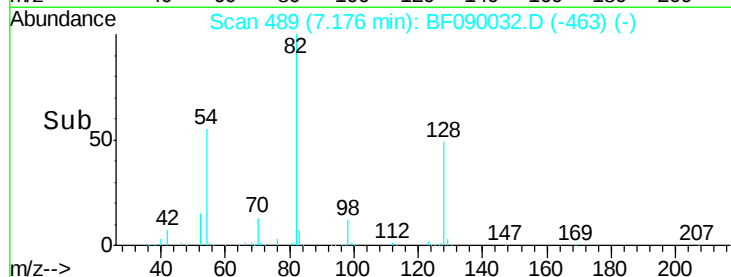
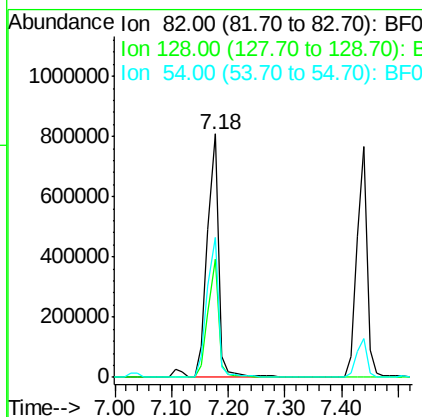
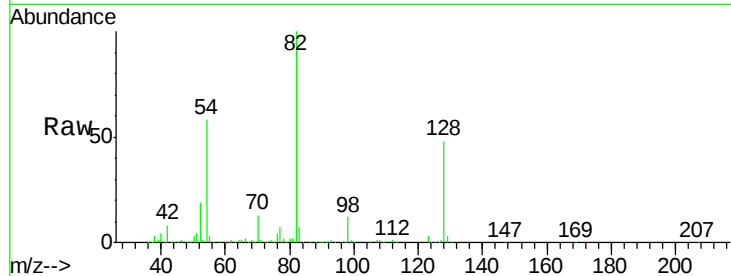
#23
 Nitrobenzene-d5
 Concen: 76.64 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion: 82 Resp: 1071459
 Ion Ratio Lower Upper
 82 100
 128 48.4 37.8 56.8
 54 57.6 46.9 70.3

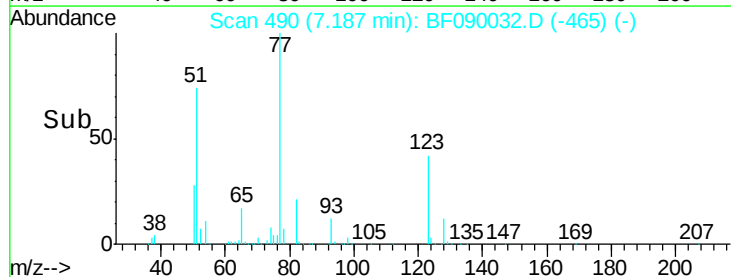
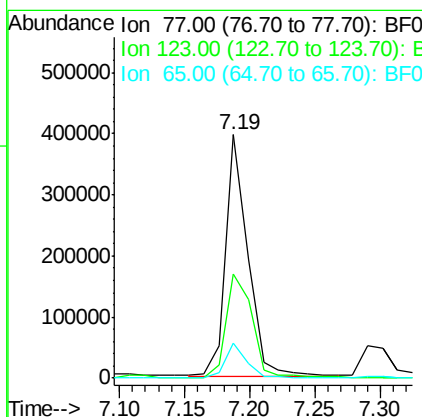
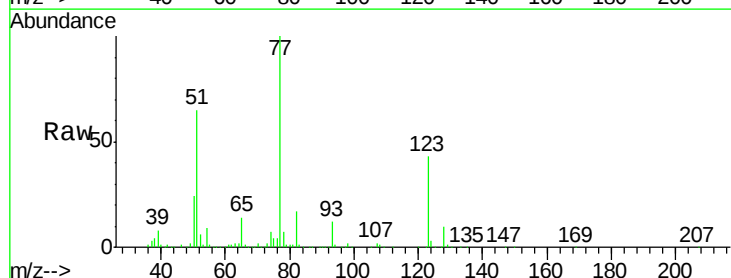
Manual Integrations
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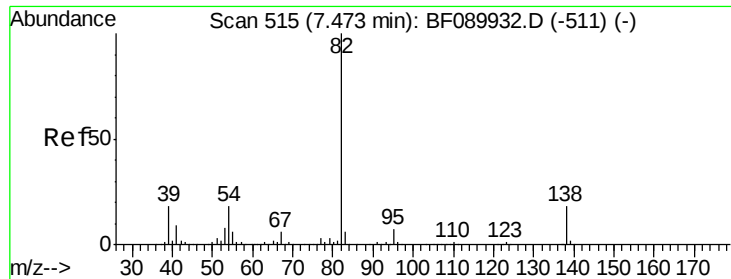
Sohil
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#24
 Nitrobenzene
 Concen: 32.27 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion: 77 Resp: 479691
 Ion Ratio Lower Upper
 77 100
 123 42.8 32.0 48.0
 65 14.5 11.2 16.8





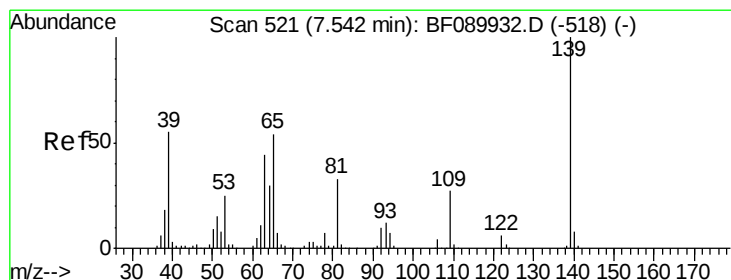
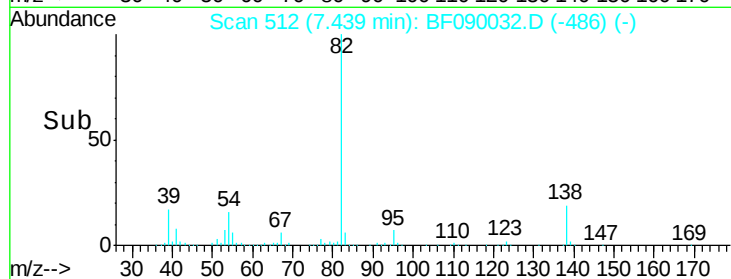
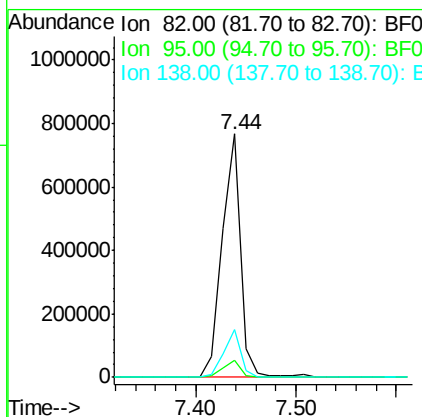
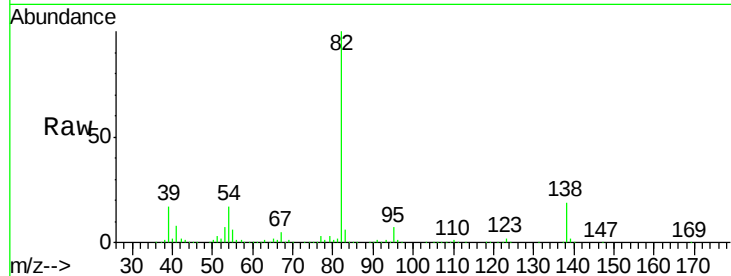
#25
Isophorone
Concen: 34.48 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	19.5	14.4	21.6

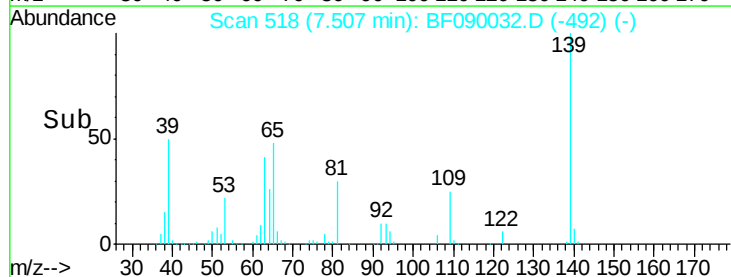
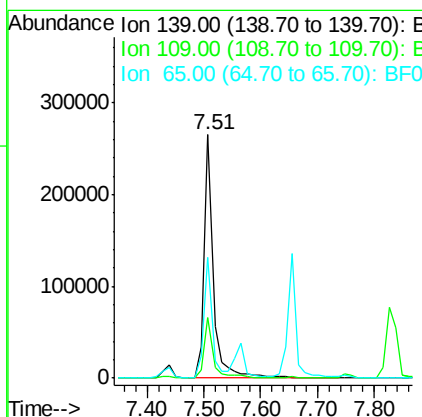
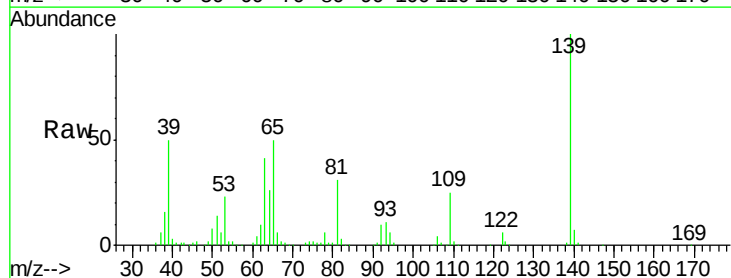
Manual Integrations
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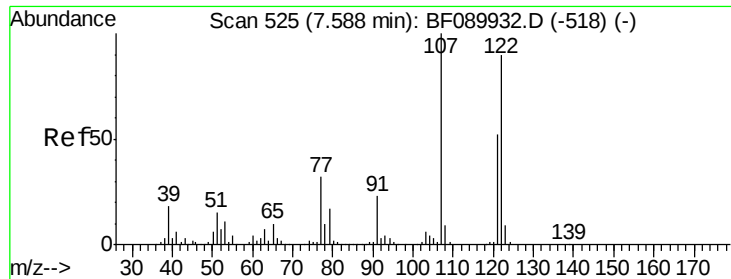
Sohil
9/9/2016 8:39:51 AM



#26
2-Nitrophenol
Concen: 40.69 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.1	21.0	31.4
65	49.7	43.4	65.0





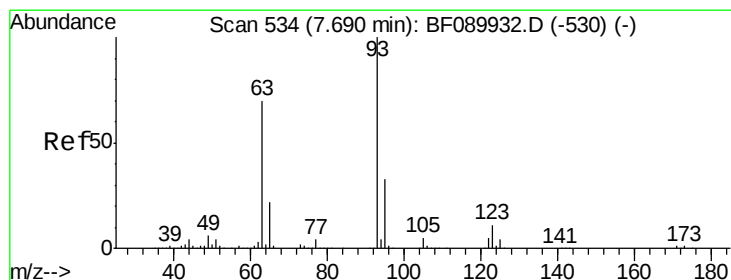
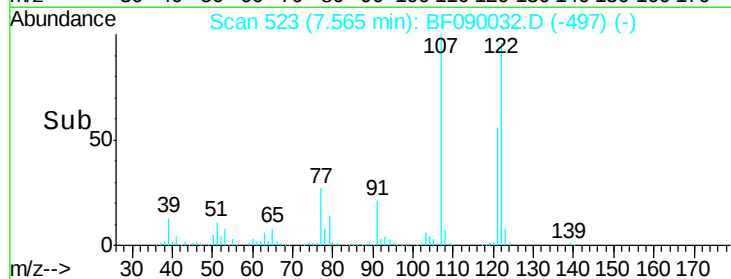
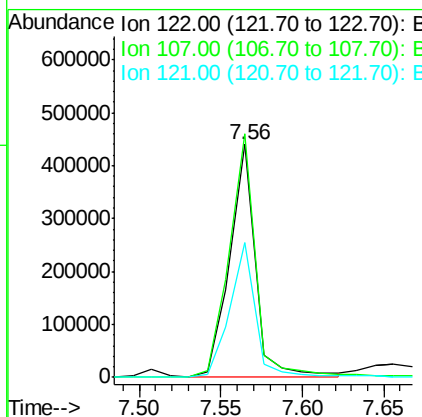
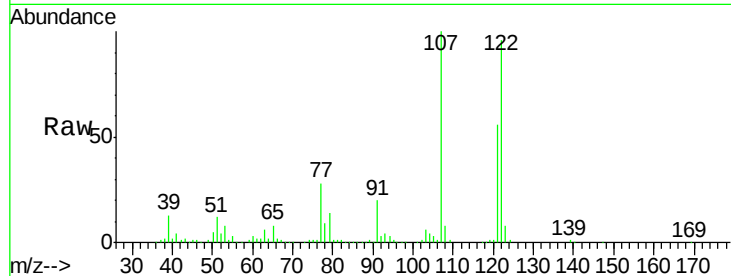
#27
2,4-Dimethylphenol
Concen: 36.55 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	480412		
107	104.5	88.5	132.7	
121	58.0	46.0	69.0	

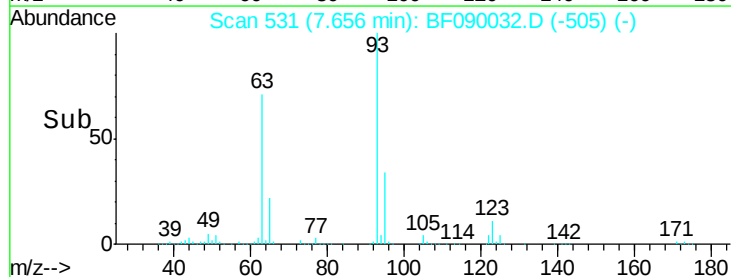
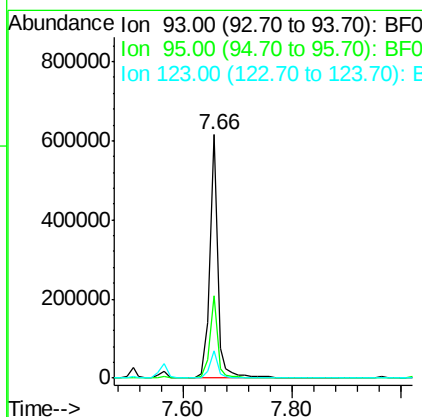
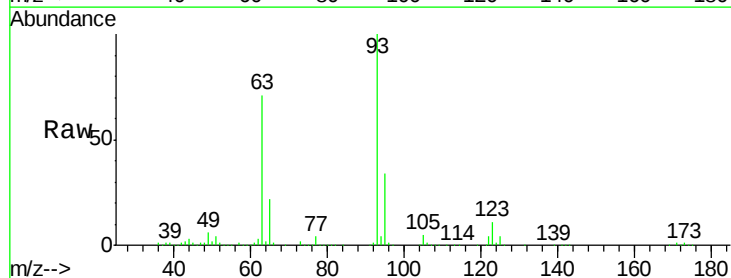
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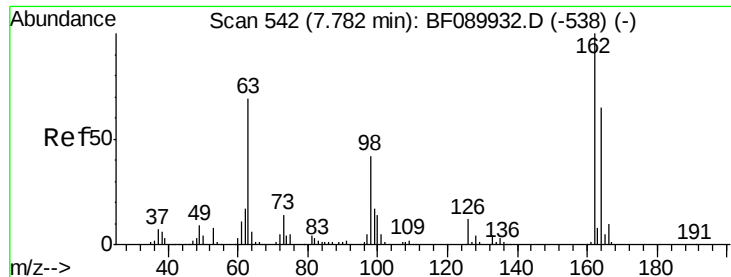
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 36.80 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	630988		
95	33.6	26.6	40.0	
123	11.2	9.1	13.7	





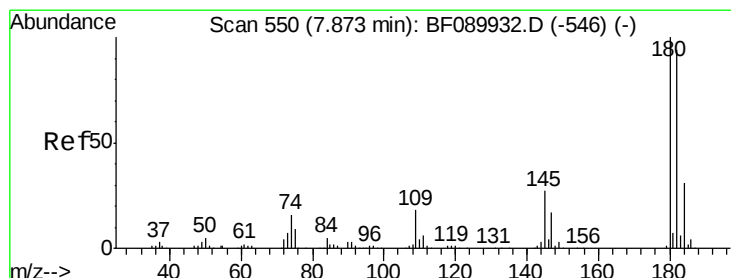
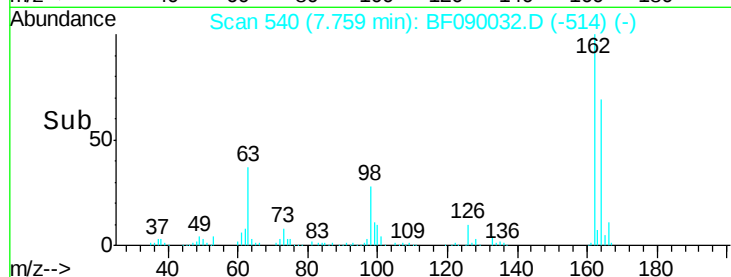
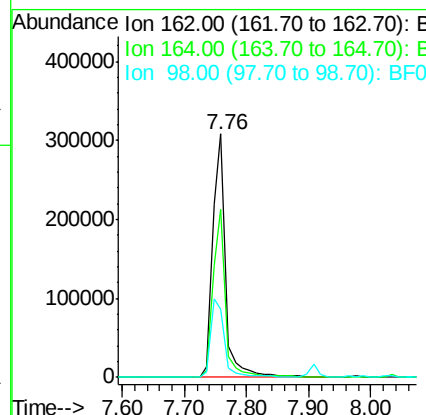
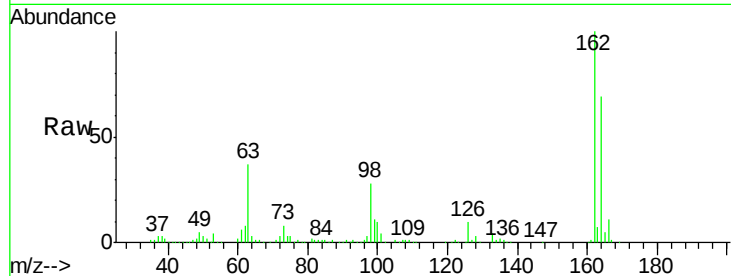
#29
2,4-Dichlorophenol
Concen: 37.63 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	443309		
164	69.2	46.6	86.6	
98	28.2	22.0	62.0	

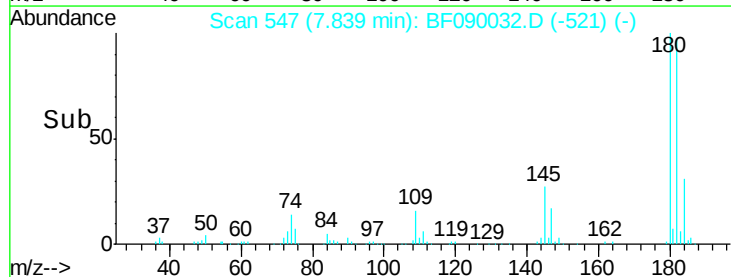
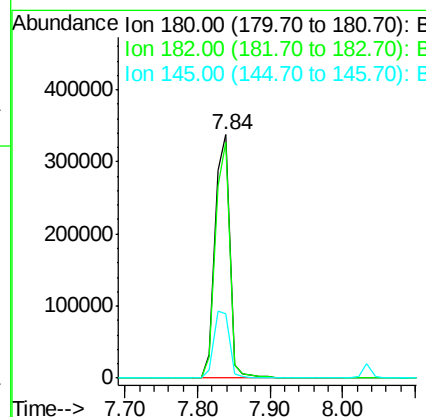
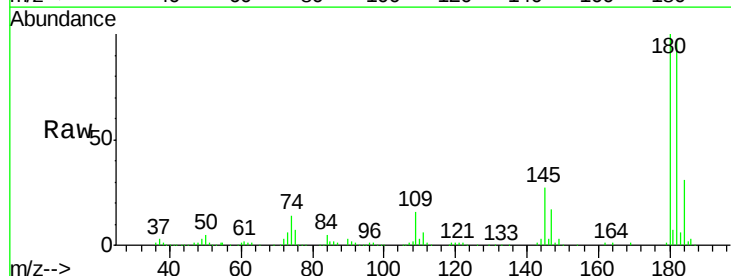
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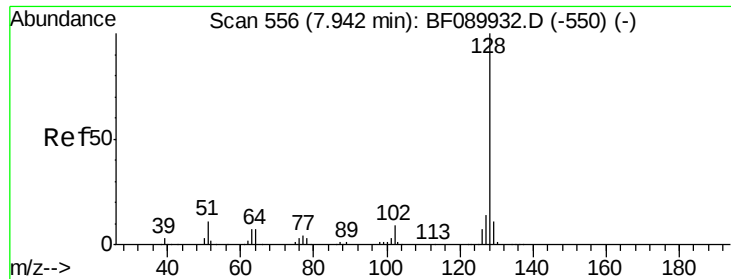
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#30
1,2,4-Trichlorobenzene
Concen: 37.29 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	480284		
182	96.9	76.2	114.2	
145	26.6	22.2	33.4	





#31

Naphthalene

Concen: 33.68 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

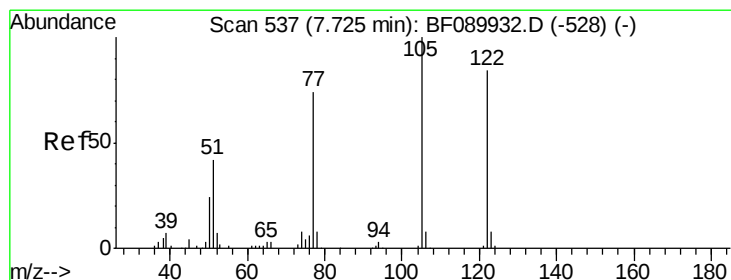
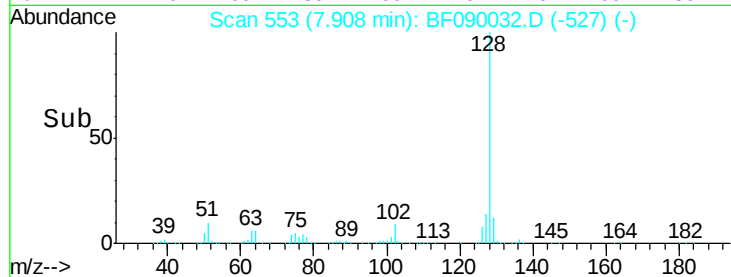
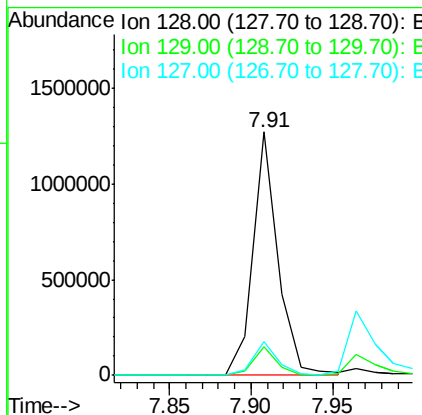
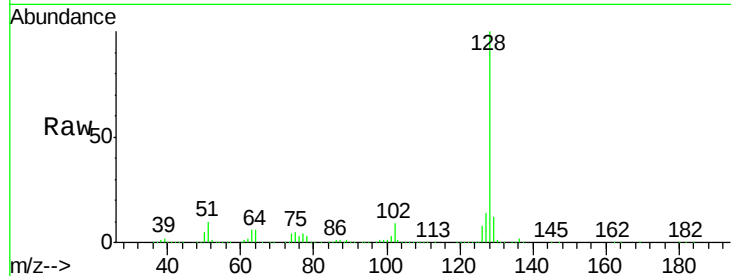
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	128	Resp:	1360301
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.6	10.7	16.1

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#32

Benzoic acid

Concen: 8.39 ng

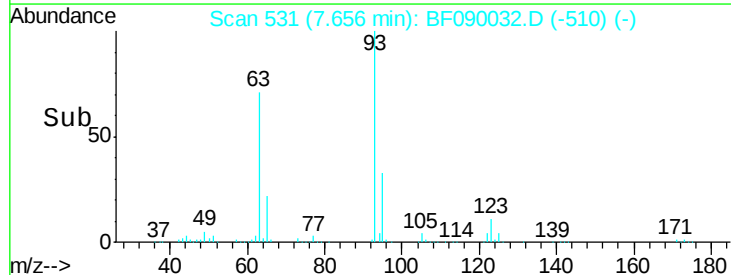
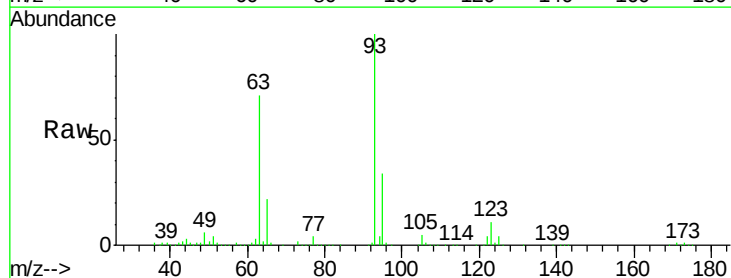
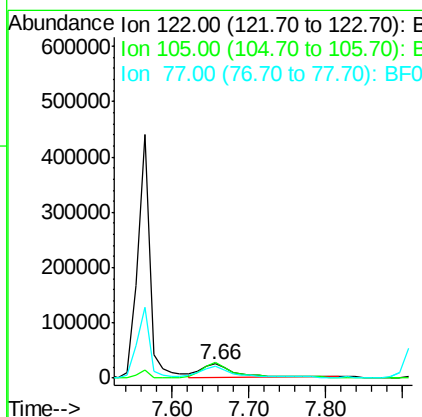
RT: 7.66 min Scan# 531

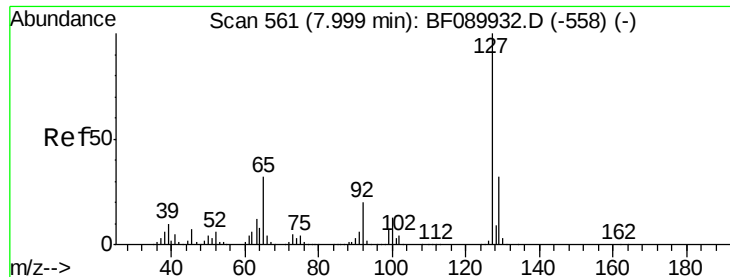
Delta R.T. -0.06 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	122	Resp:	74287
Ion	Ratio	Lower	Upper
122	100		
105	108.8	102.2	142.2
77	84.5	74.1	114.1





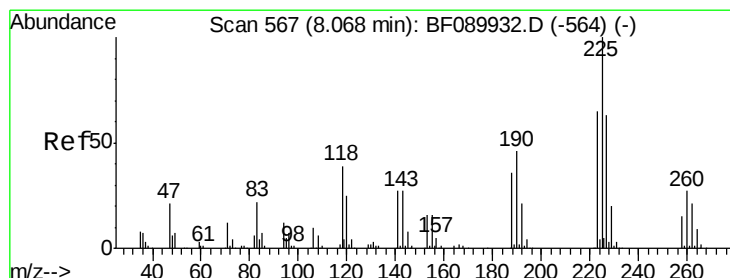
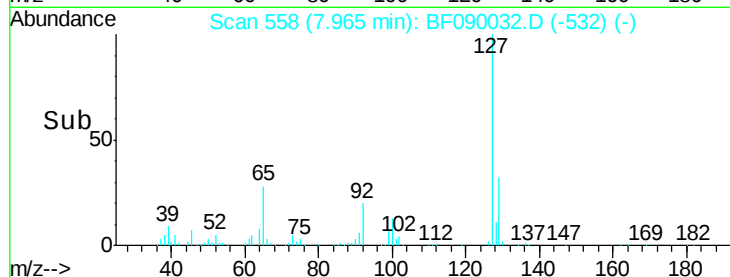
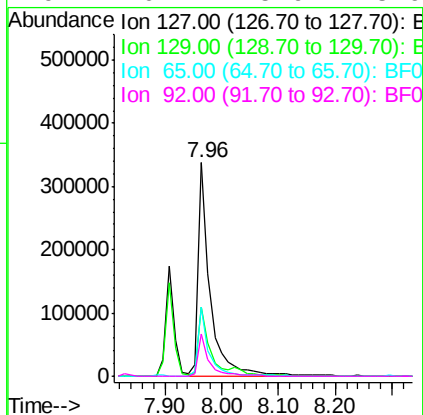
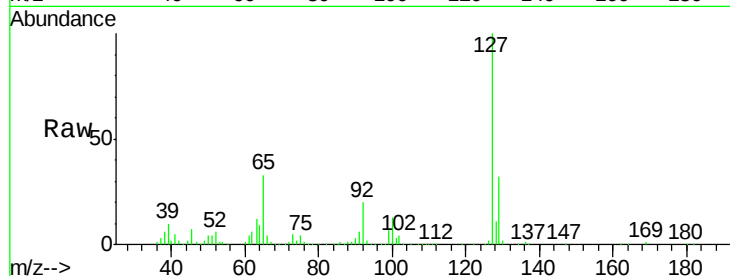
#33
4-Chloroaniline
Concen: 29.73 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	484459		
129	32.5	25.9	38.9	
65	32.6	26.0	39.0	
92	20.1	15.9	23.9	

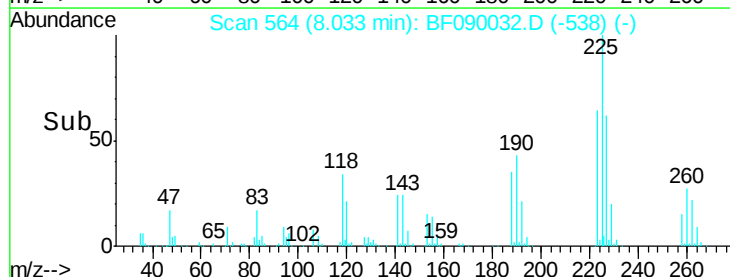
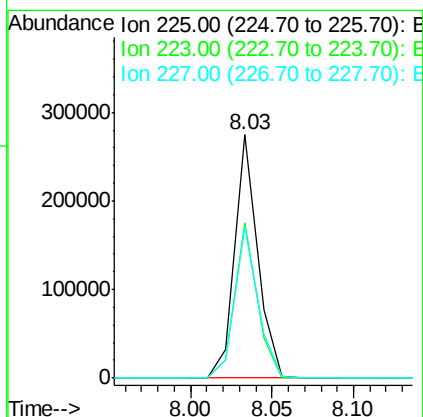
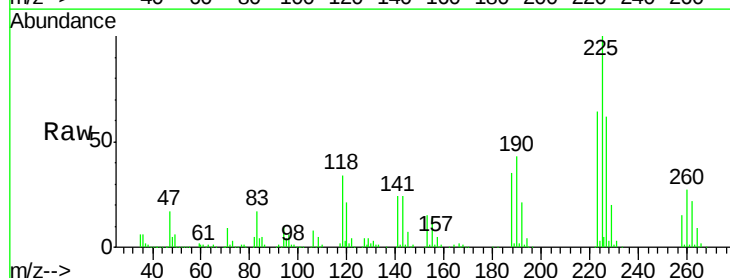
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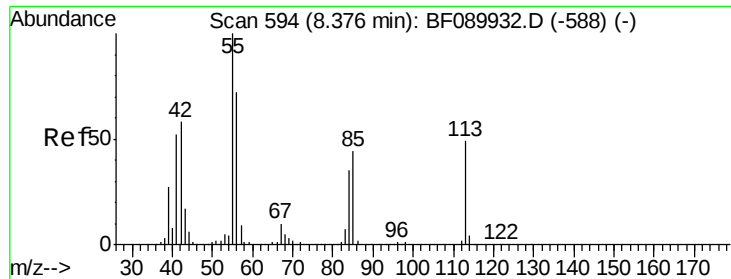
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#34
Hexachlorobutadiene
Concen: 35.16 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	265370		
223	63.9	52.6	78.8	
227	62.1	50.8	76.2	





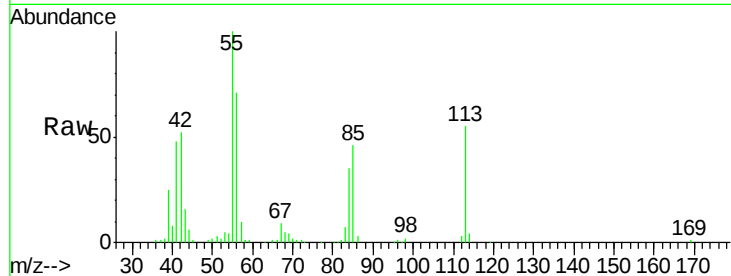
#35
 Caprolactam
 Concen: 36.48 ng m
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

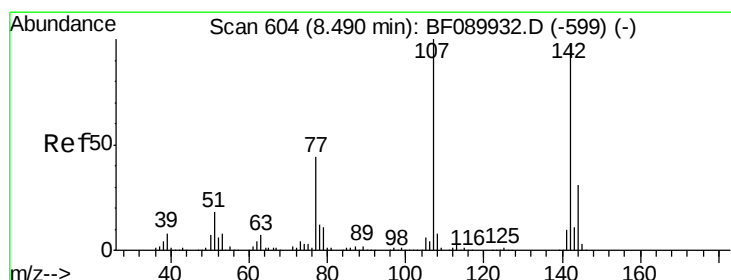
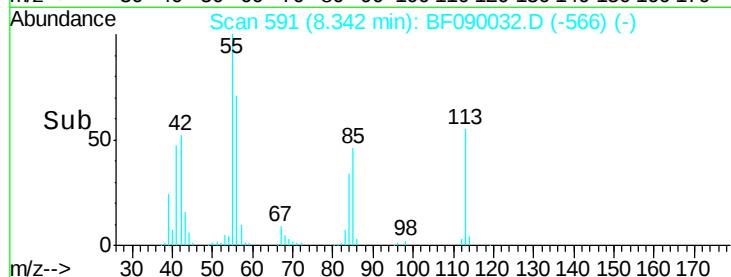
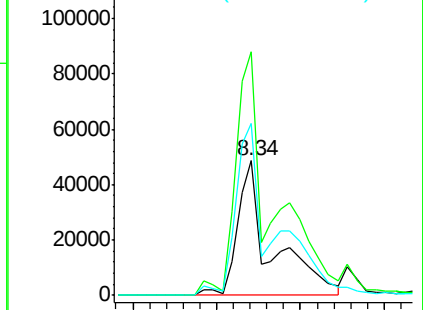
Tgt Ion:113 Resp: 135667
 Ion Ratio Lower Upper
 113 100
 55 180.9 178.5 218.5
 56 127.7 122.7 162.7

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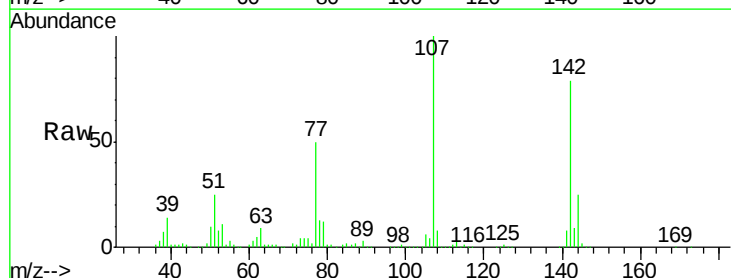


Abundance Ion 113.00 (112.70 to 113.70): E
 120000
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

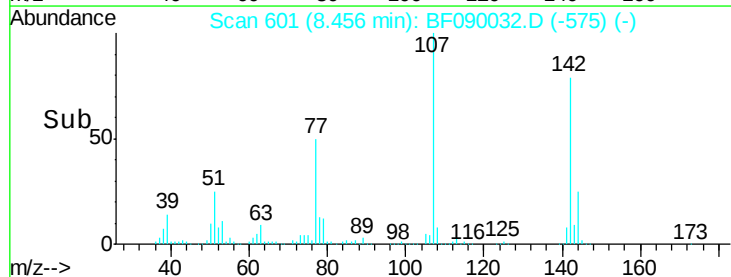
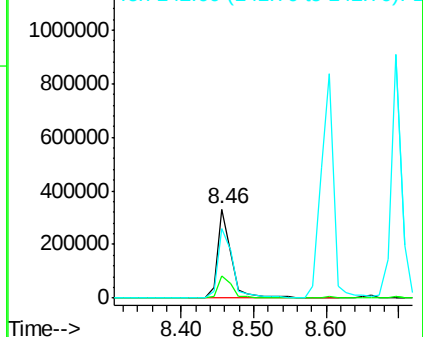


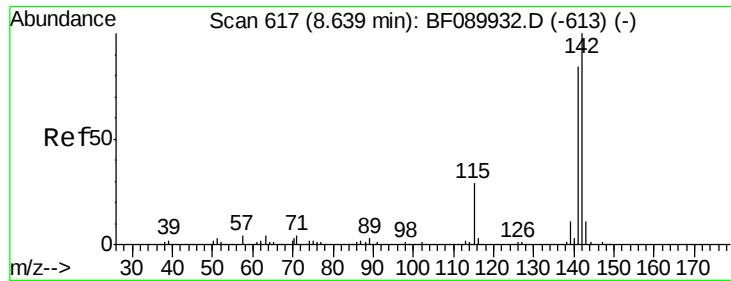
#36
 4-Chloro-3-methylphenol
 Concen: 35.15 ng
 RT: 8.46 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion:107 Resp: 438636
 Ion Ratio Lower Upper
 107 100
 144 25.0 25.8 38.8#
 142 78.5 79.2 118.8#



Abundance Ion 107.00 (106.70 to 107.70): E
 1200000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





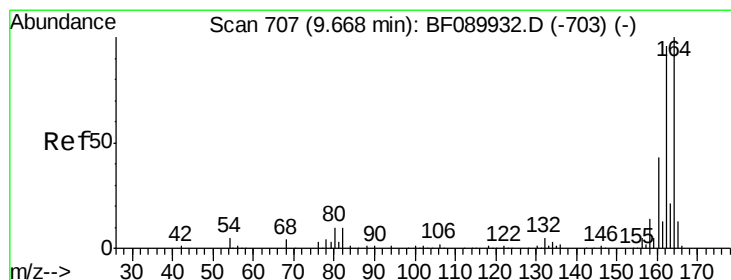
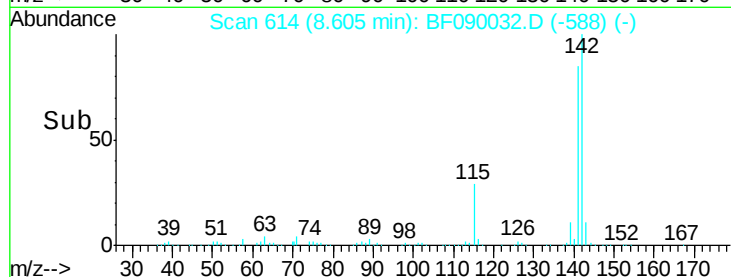
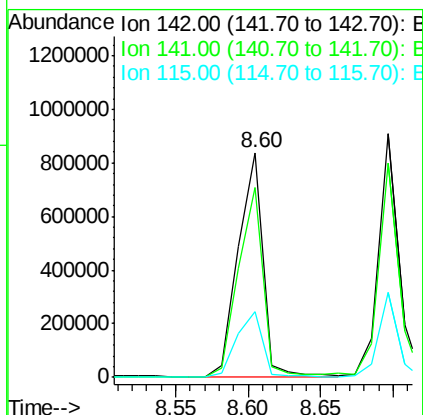
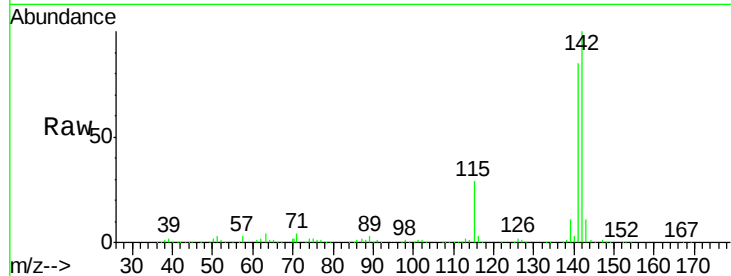
#37
2-Methylnaphthalene
Concen: 37.77 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion:142 Resp: 1008062
Ion Ratio Lower Upper
142 100
141 84.5 68.3 102.5
115 29.1 23.8 35.8

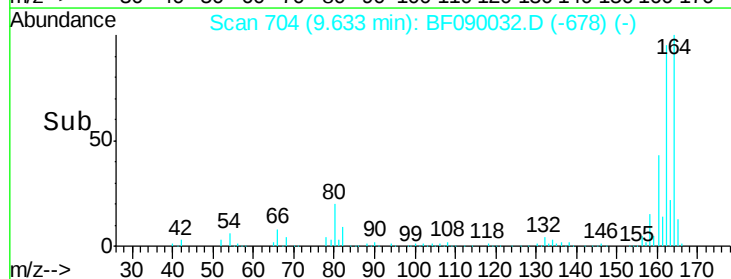
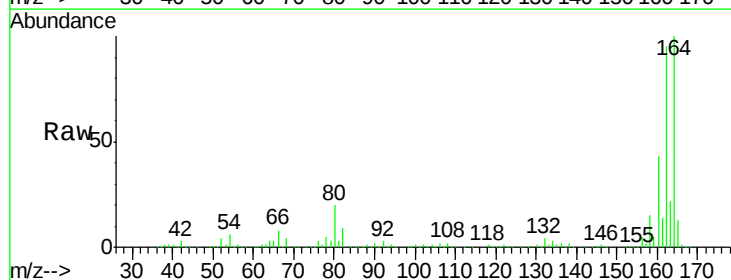
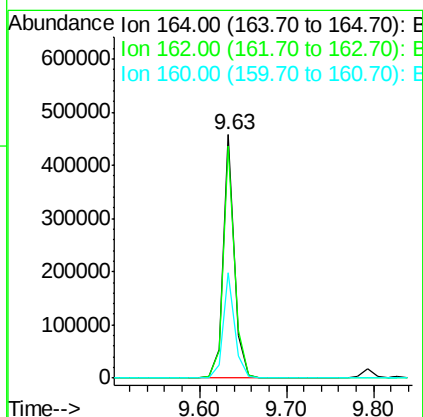
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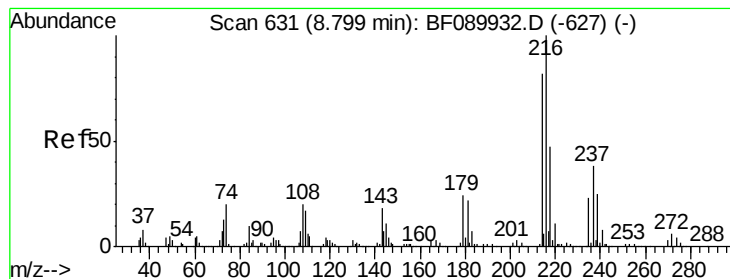
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:164 Resp: 419179
Ion Ratio Lower Upper
164 100
162 95.4 77.1 115.7
160 43.3 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.69 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

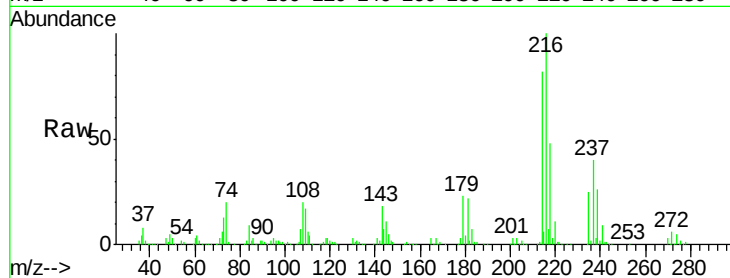
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	20.8	17.3	25.9
108	18.7	15.5	23.3

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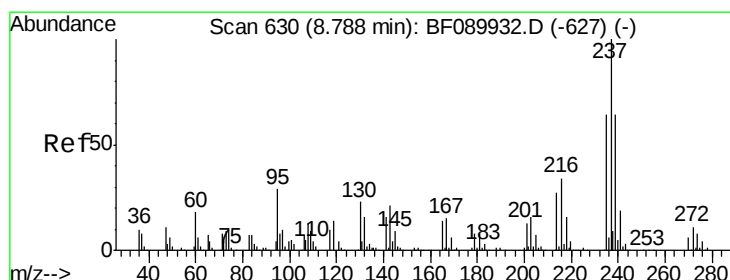
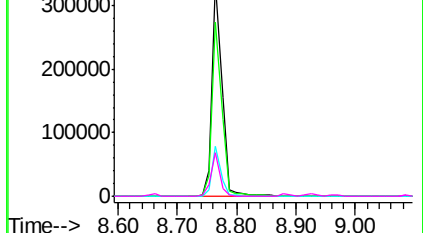
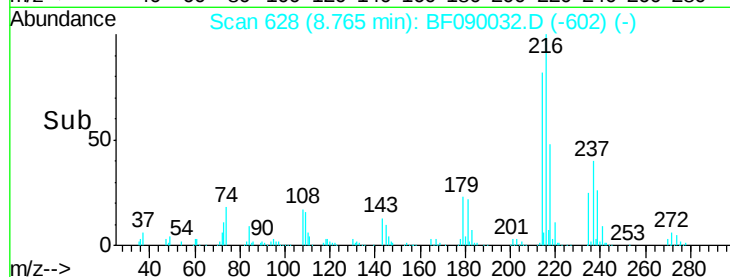


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 45.58 ng

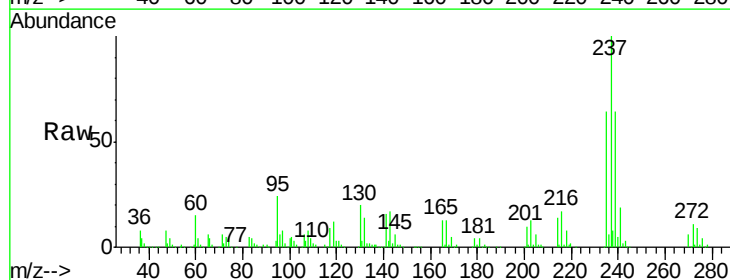
RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

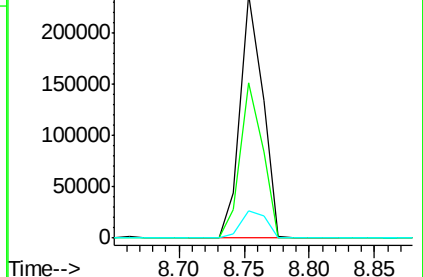
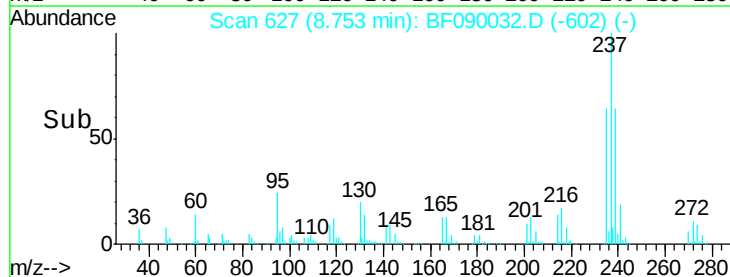
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.7	39.6	79.6
272	11.4	0.0	34.6

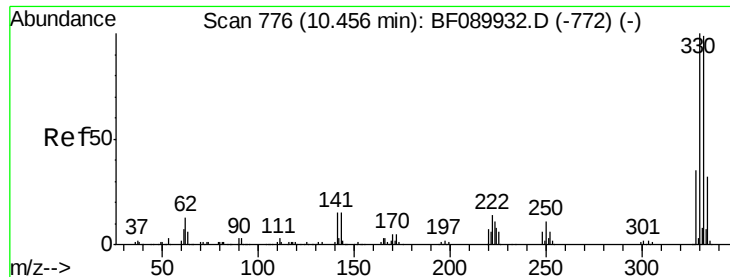


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





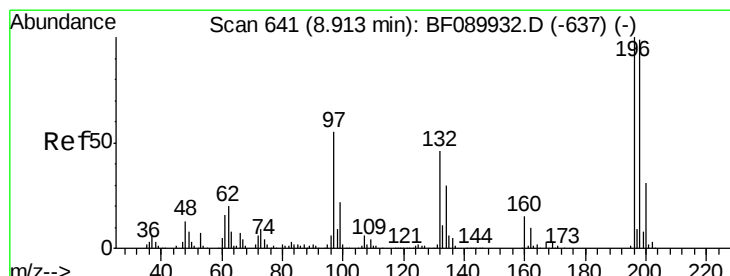
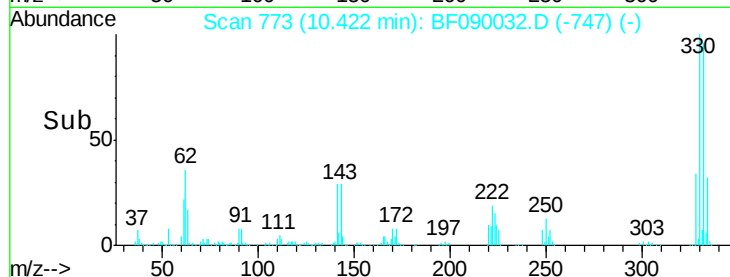
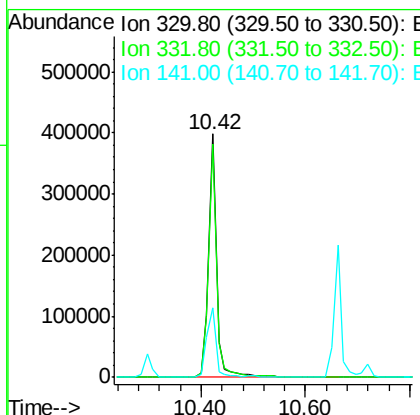
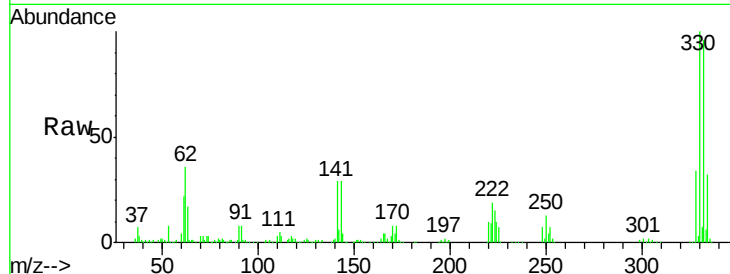
#41
 2,4,6-Tribromophenol
 Concen: 103.24 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	426956		
332	96.4	78.6	117.8	
141	33.0	23.3	34.9	

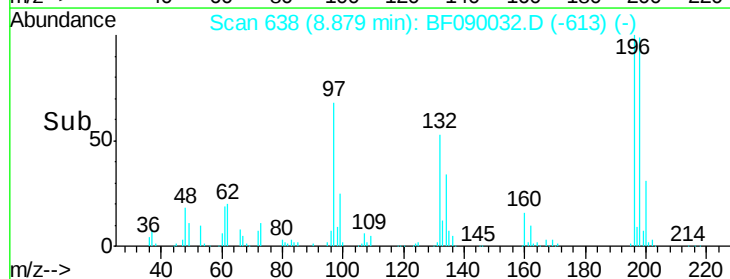
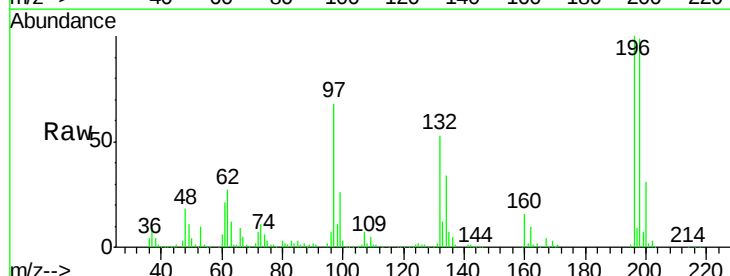
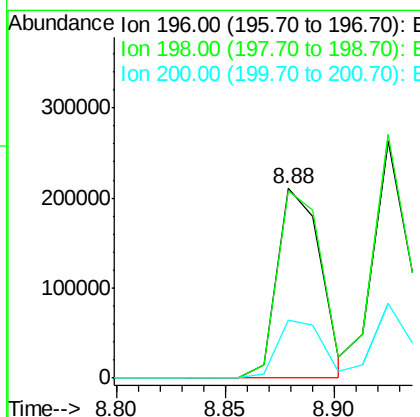
Manual Integrations
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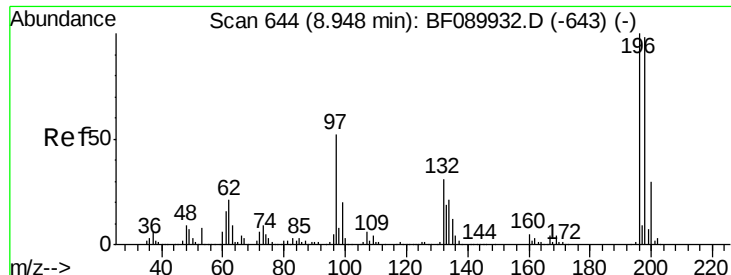
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 34.61 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294533		
198	98.8	78.3	117.5	
200	30.7	24.8	37.2	





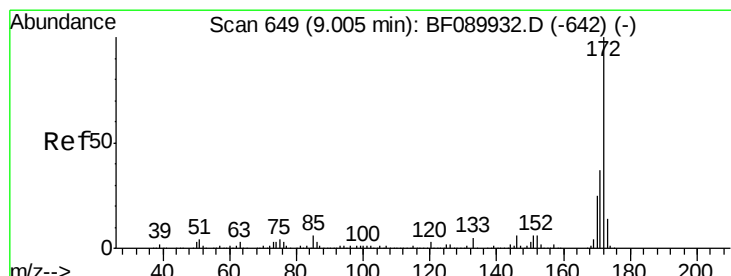
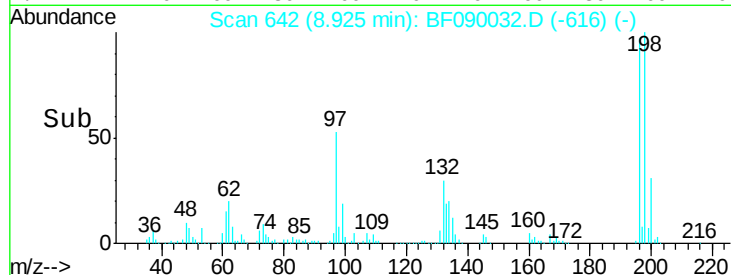
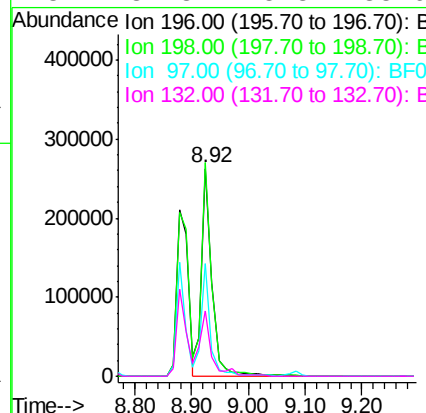
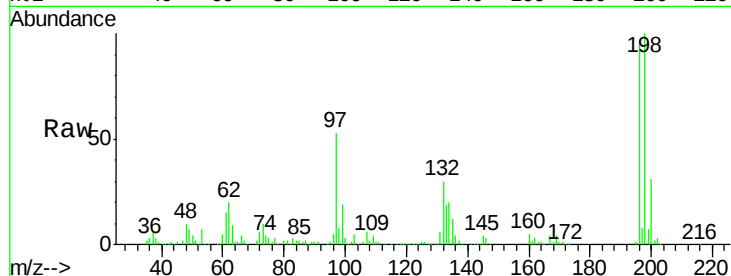
#43
 2,4,5-Trichlorophenol
 Concen: 40.97 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335286		
198	102.7	80.8	121.2	
97	54.0	44.2	66.4	
132	31.3	25.8	38.6	

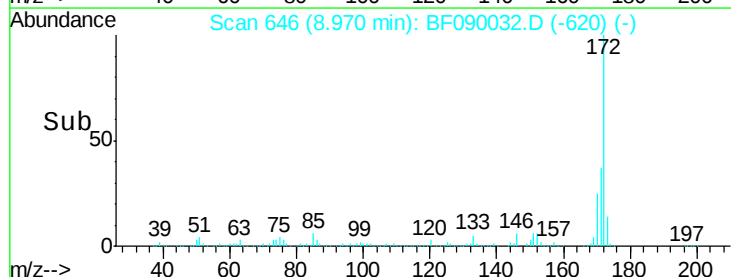
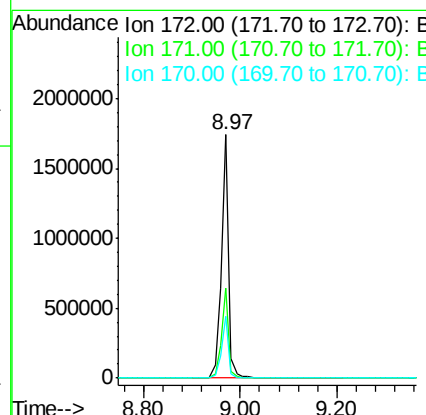
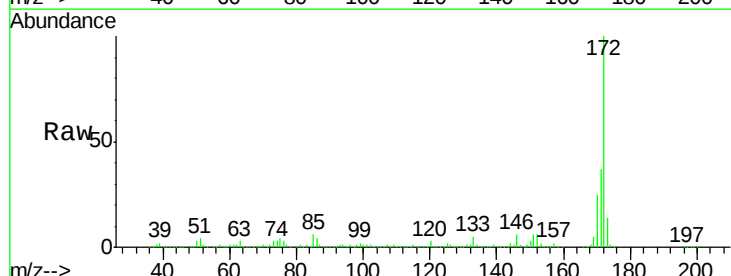
Manual Integrations
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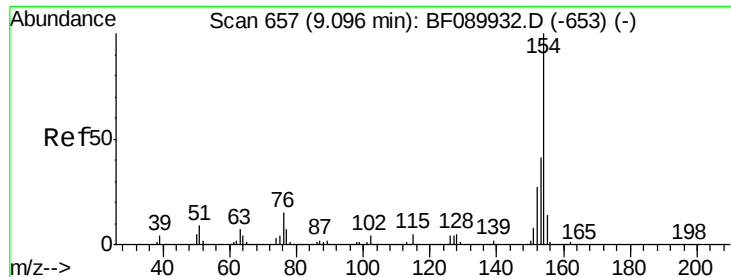
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 72.52 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1851811		
171	37.0	29.4	44.2	
170	25.3	20.1	30.1	





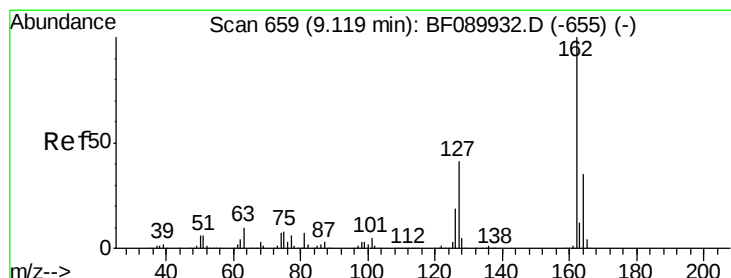
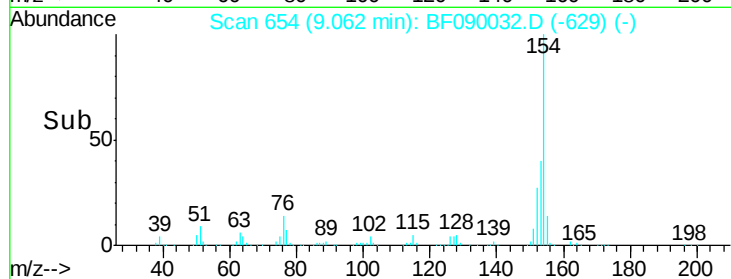
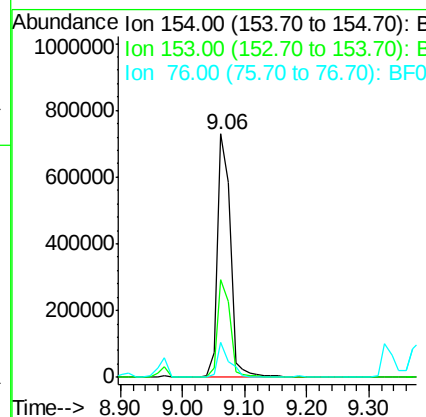
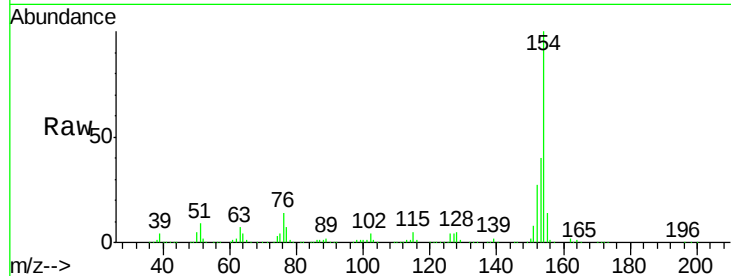
#45
 1,1'-Biphenyl
 Concen: 30.56 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	14.4	0.0	34.9

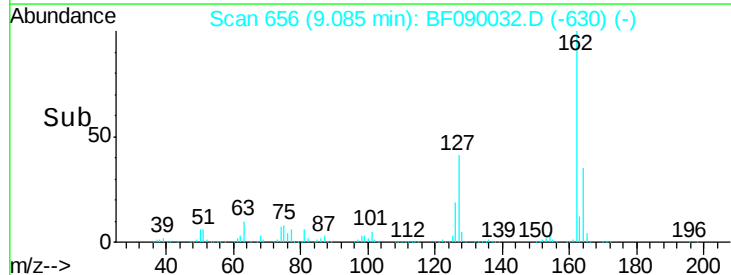
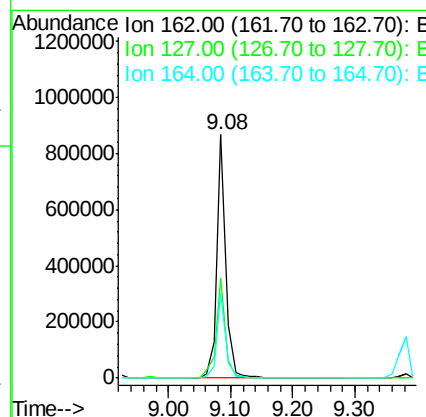
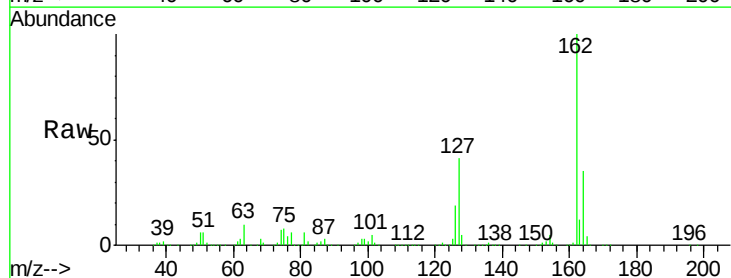
Manual Integrations
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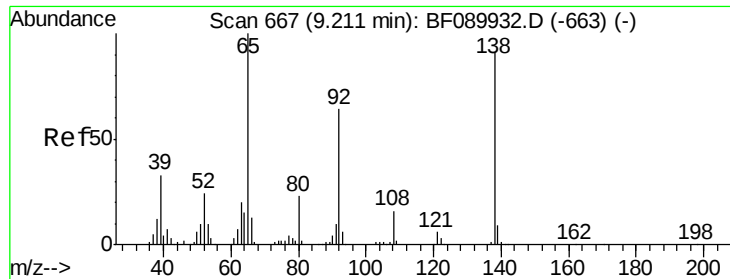
Sohil
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#46
 2-Chloronaphthalene
 Concen: 36.17 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.5	50.3
164	34.9	28.2	42.4





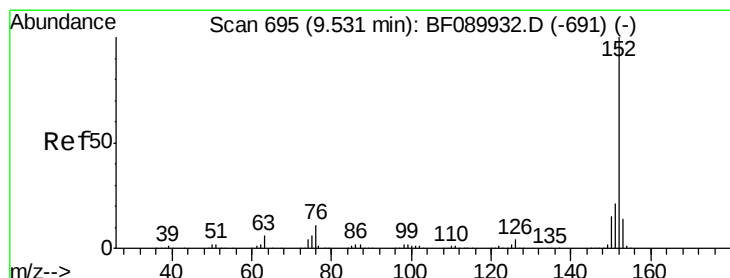
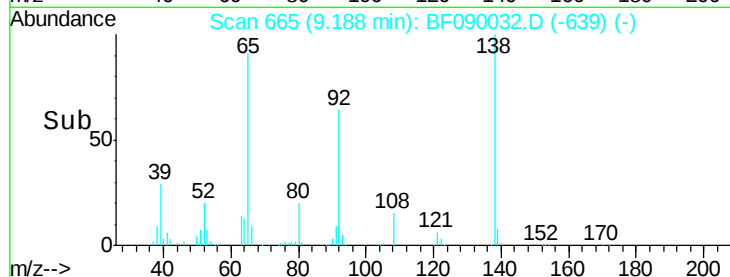
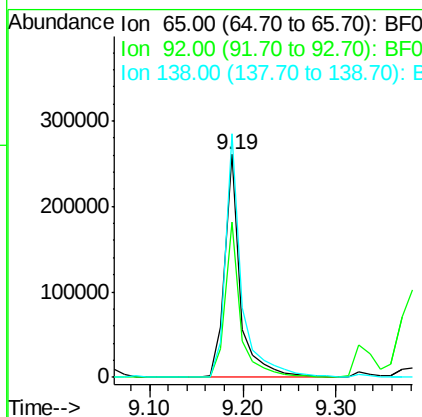
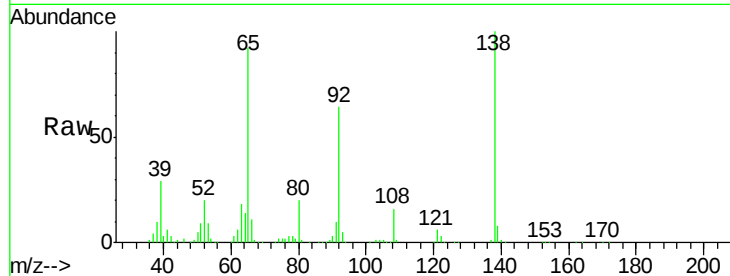
#47
2-Nitroaniline
Concen: 39.03 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	52.0	78.0
138	109.1	72.1	108.1#

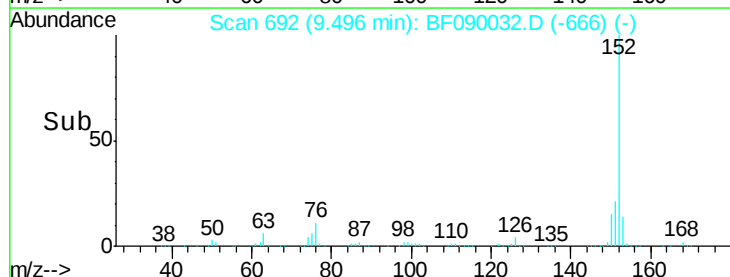
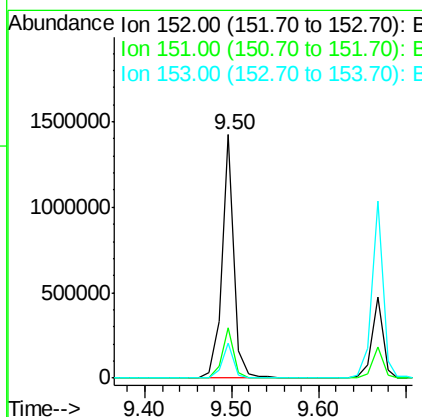
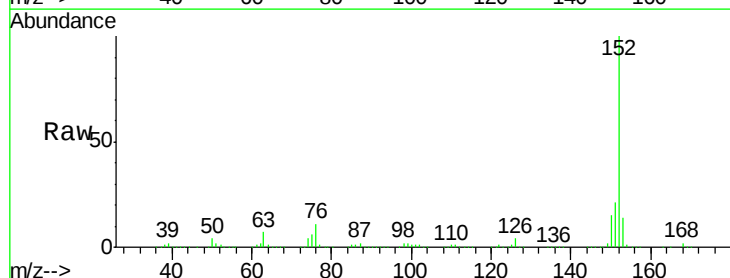
Manual Integrations
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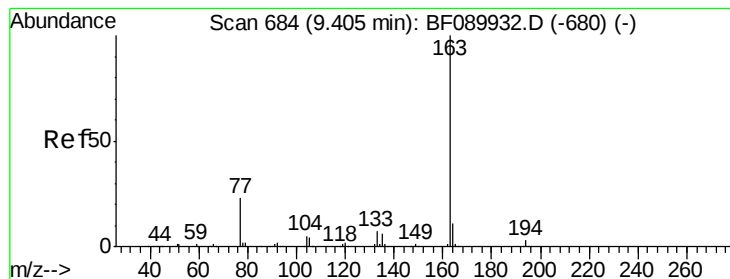
Sohil
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#48
Acenaphthylene
Concen: 35.04 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	14.3	11.6	17.4





#49

Dimethylphthalate

Concen: 53.01 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:163 Resp: 1606024

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

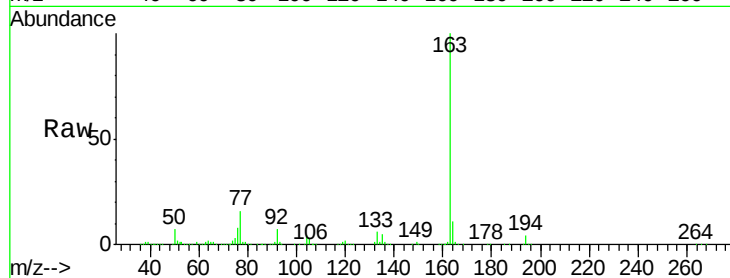
164 10.8 9.0 13.4

Manual Integrations

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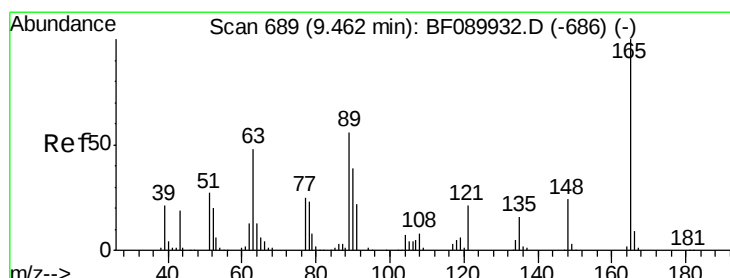
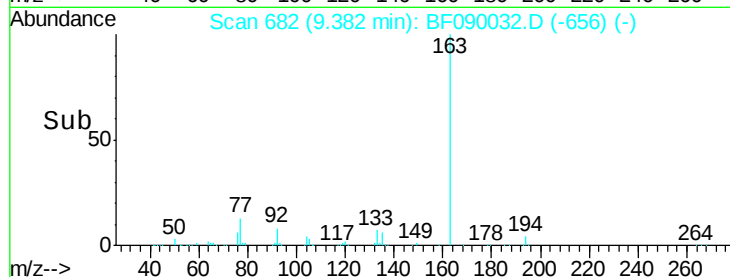
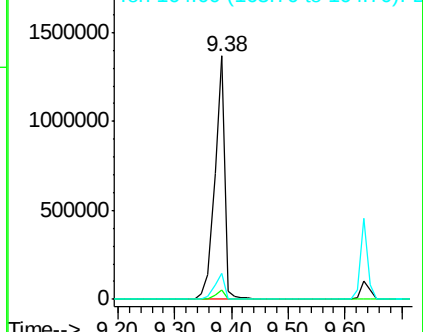
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.16 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

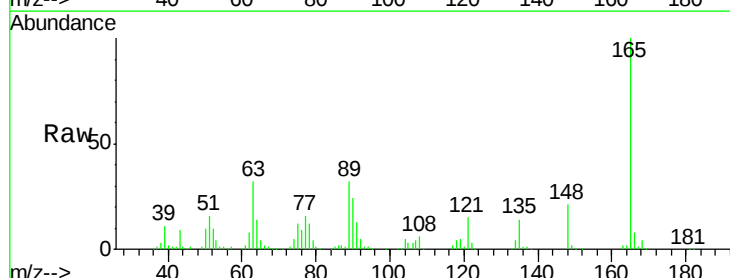
Tgt Ion:165 Resp: 257143

Ion Ratio Lower Upper

165 100

63 31.7 45.0 67.4#

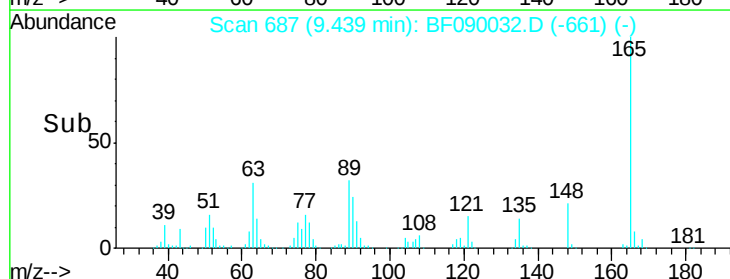
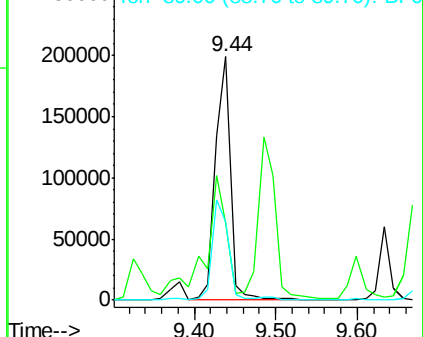
89 32.1 41.5 62.3#

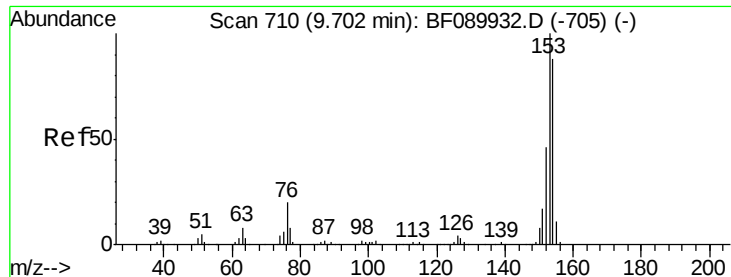


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





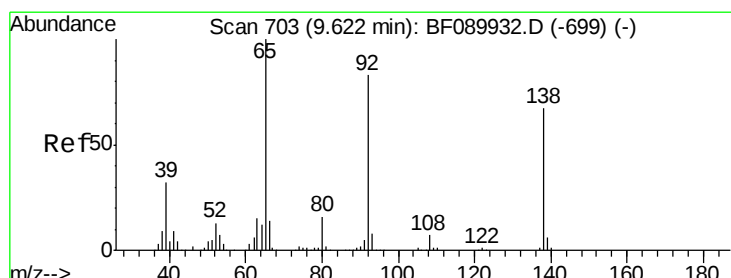
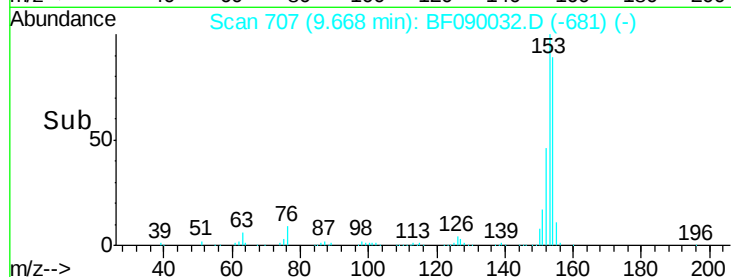
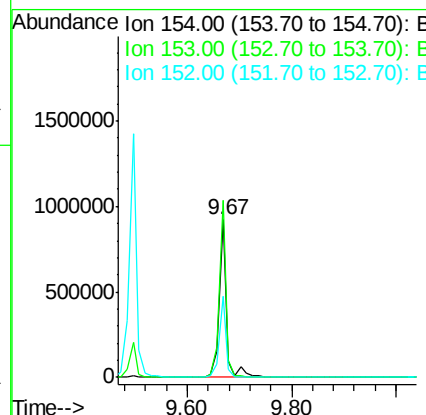
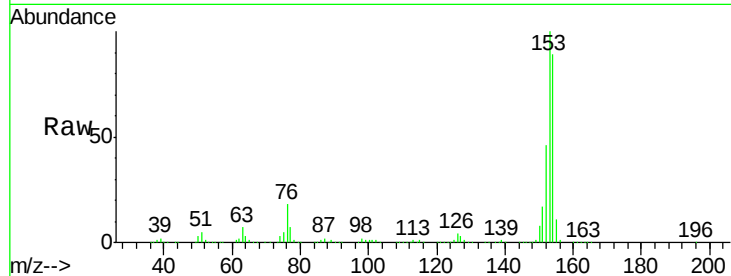
#51
Acenaphthene
Concen: 36.04 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	901259		
153	112.6	90.6	135.8	
152	51.8	42.4	63.6	

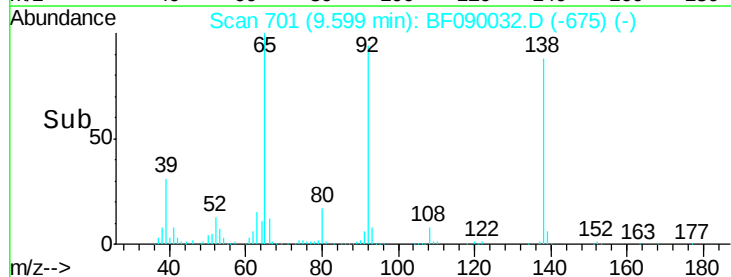
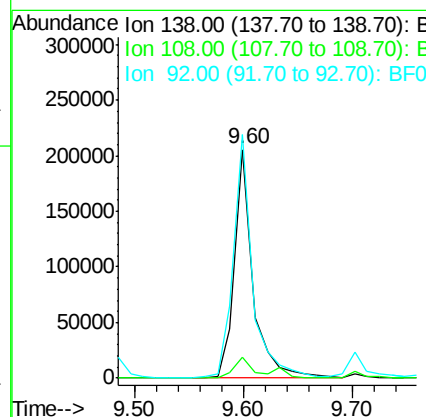
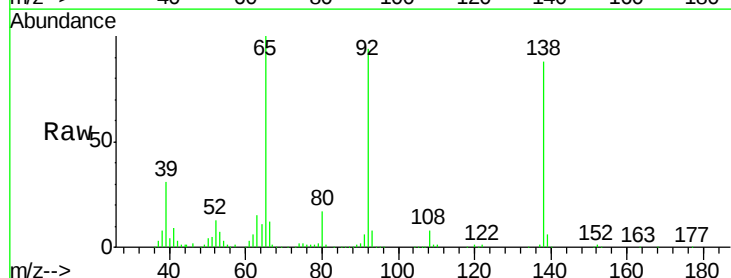
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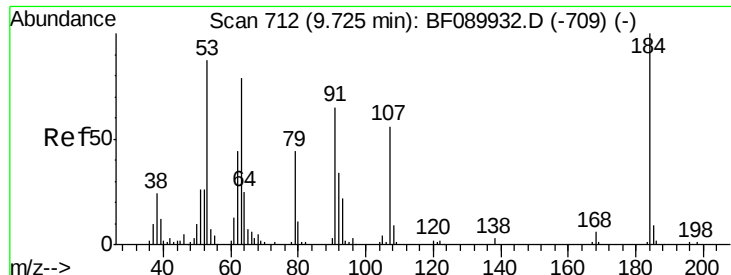
Sohil
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#52
3-Nitroaniline
Concen: 31.56 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	242546		
108	9.1	8.3	12.5	
92	106.4	99.1	148.7	





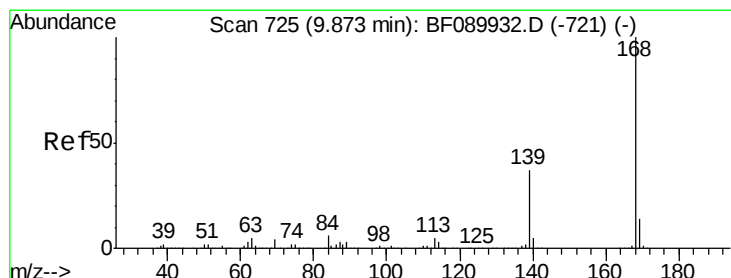
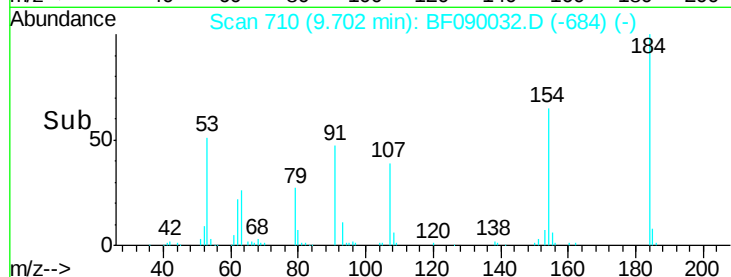
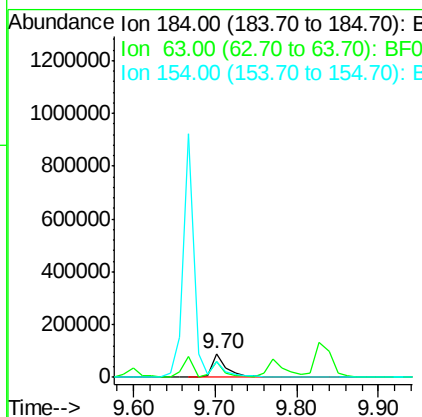
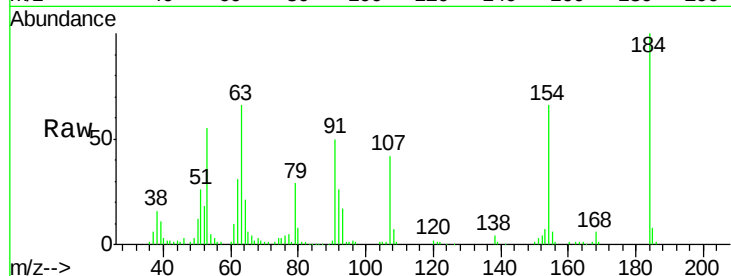
#53
2,4-Dinitrophenol
Concen: 36.04 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	114531		
63	65.6	73.9	110.9#	
154	65.7	53.5	80.3	

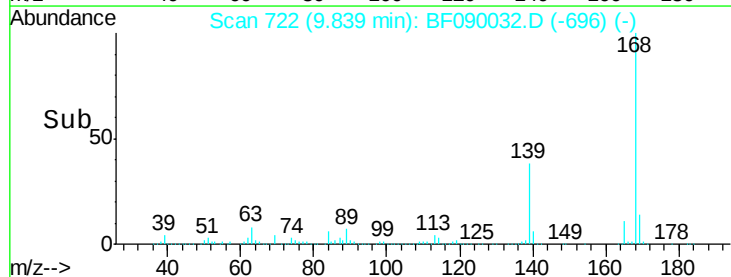
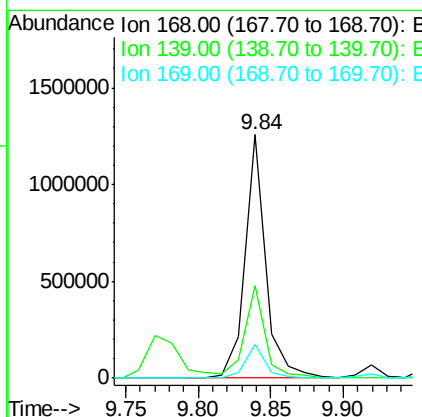
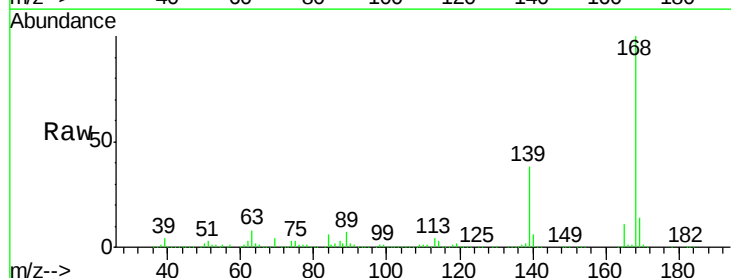
Manual Integrations
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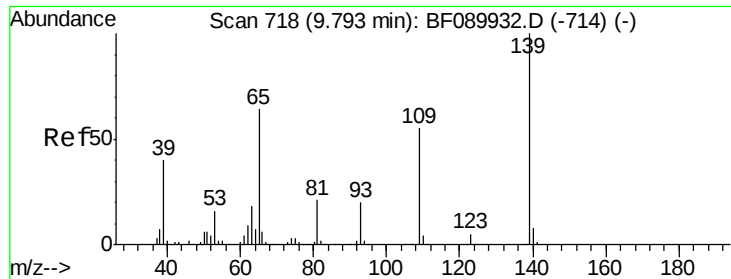
Sohil
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#54
Dibenzofuran
Concen: 37.27 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1249192		
139	37.8	29.5	44.3	
169	13.8	10.8	16.2	





#55

4-Nitrophenol

Concen: 63.48 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

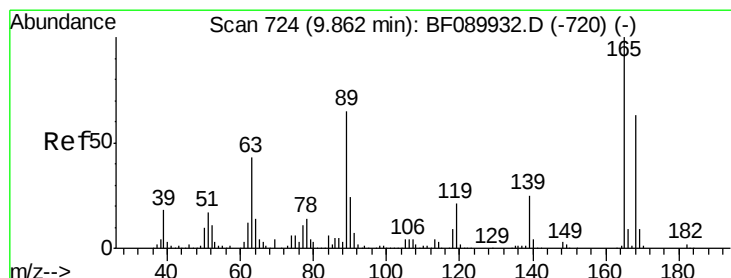
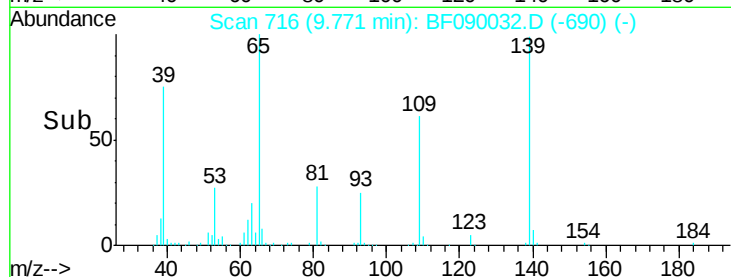
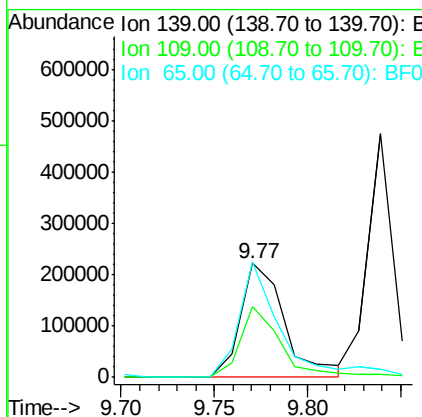
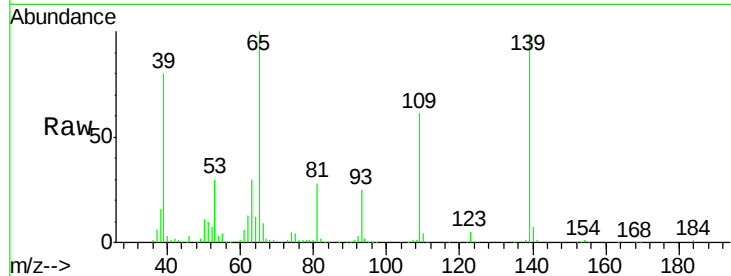
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	139	Resp:	367993
Ion Ratio	Lower	Upper	
139	100		
109	61.7	31.3	71.3
65	101.5	38.5	78.5#

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#56

2,4-Dinitrotoluene

Concen: 33.89 ng

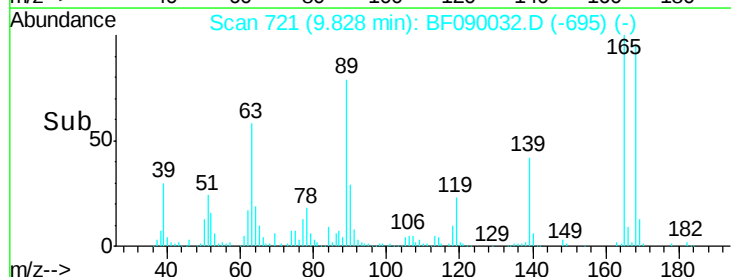
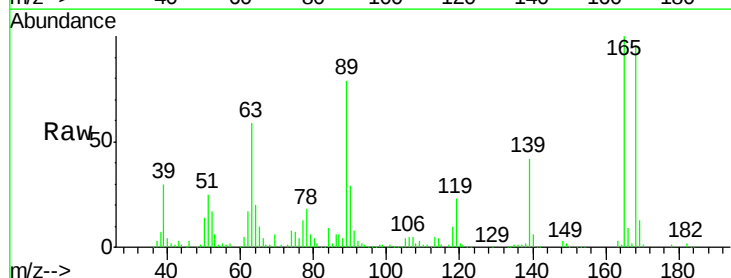
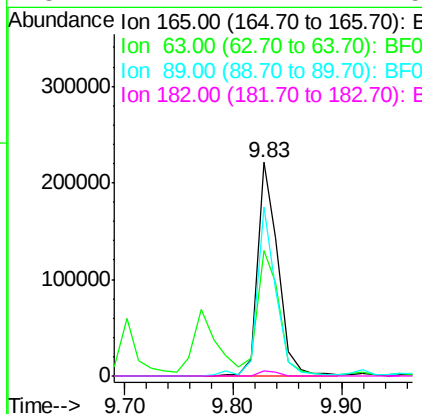
RT: 9.83 min Scan# 721

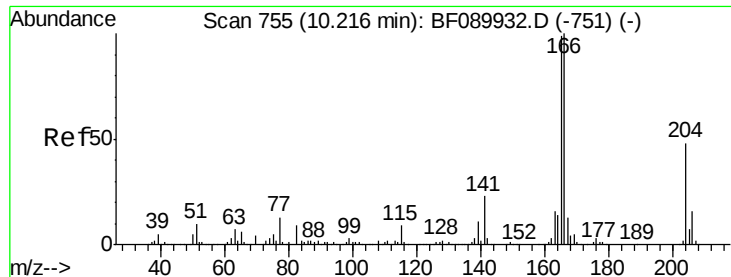
Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	165	Resp:	289605
Ion Ratio	Lower	Upper	
165	100		
63	58.9	32.5	48.7#
89	79.1	48.3	72.5#
182	2.2	1.7	2.5





#57

Fluorene

Concen: 39.55 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

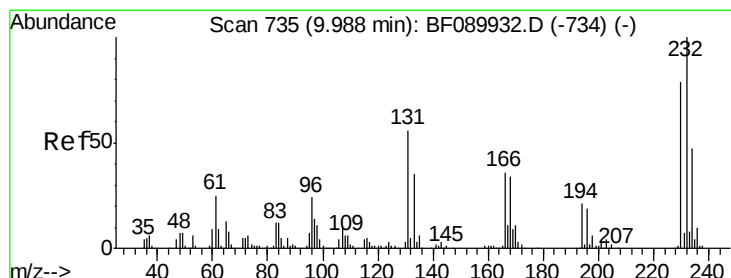
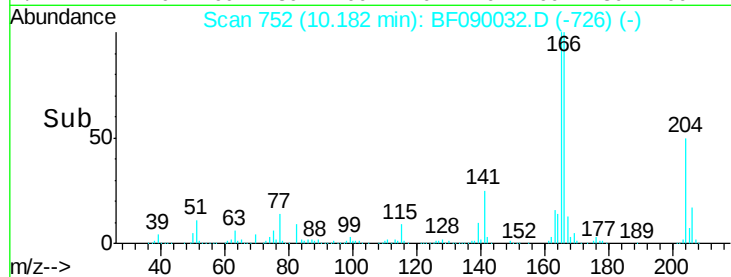
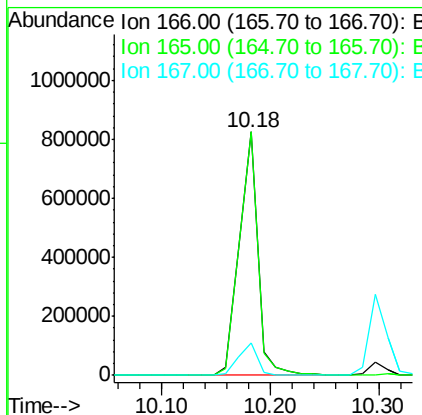
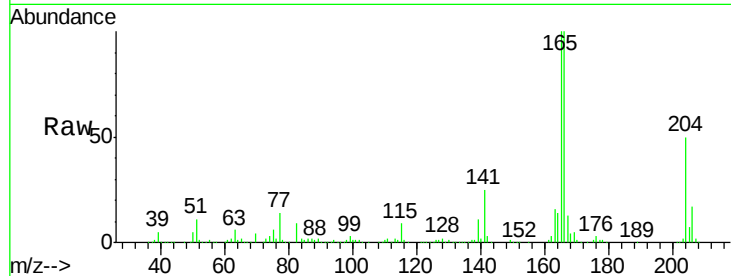
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	166	Resp:	968742
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.6	118.0
167	13.4	10.6	15.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.82 ng

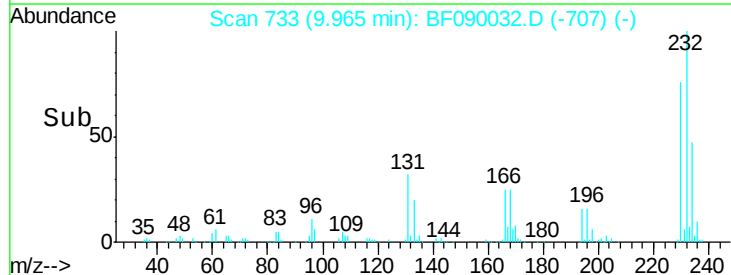
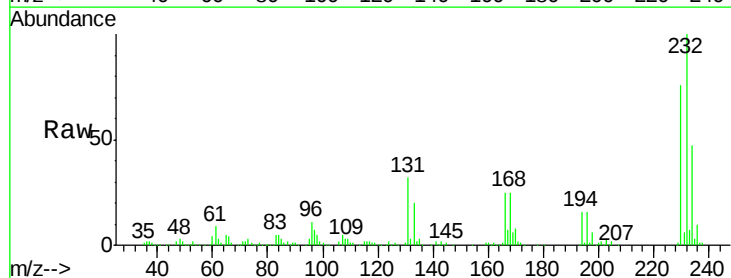
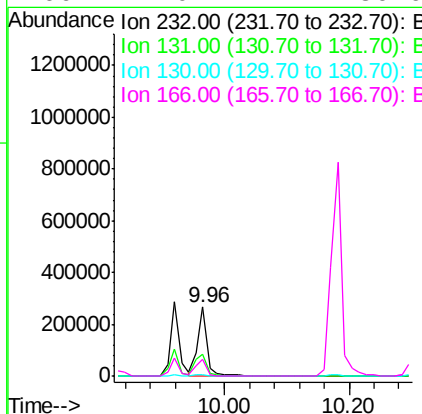
RT: 9.96 min Scan# 733

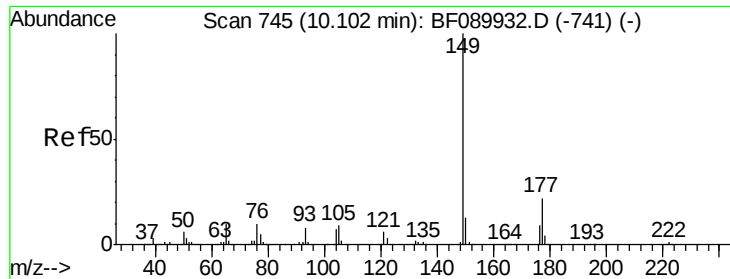
Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	232	Resp:	285956
Ion Ratio	Lower	Upper	
232	100		
131	39.7	36.3	54.5
130	1.8	1.7	2.5
166	27.0	24.4	36.6





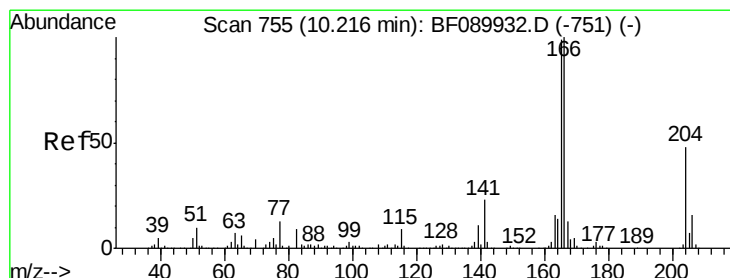
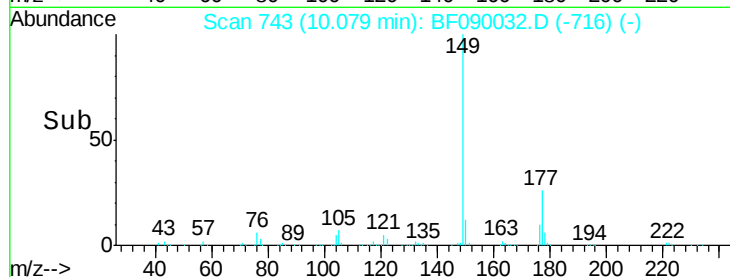
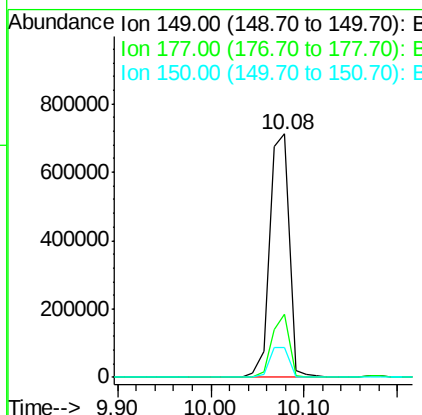
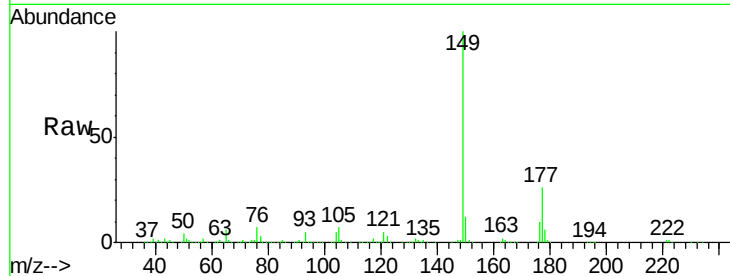
#59
Diethylphthalate
Concen: 36.54 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.9	17.7	26.5
150	12.3	10.2	15.2

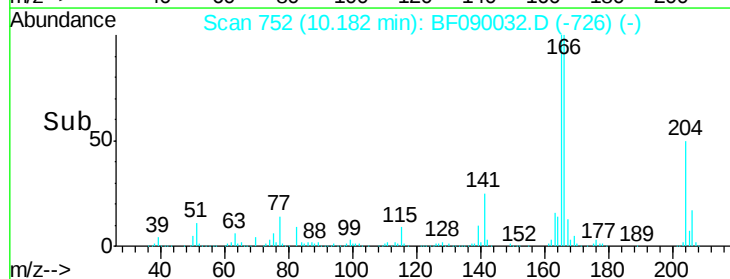
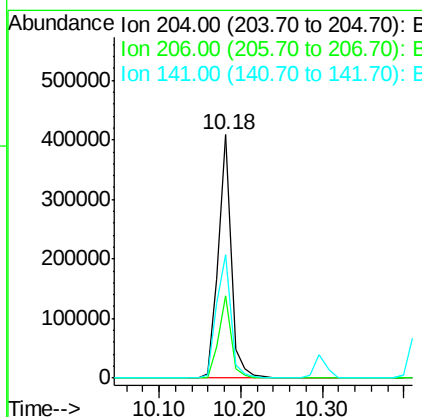
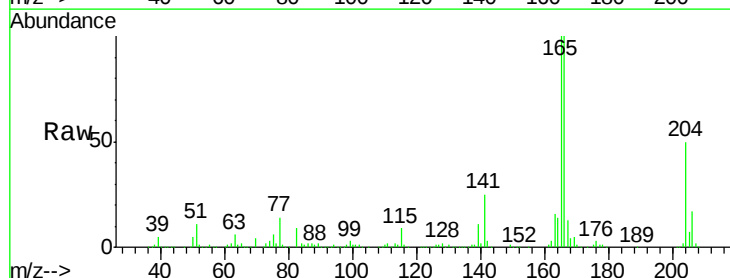
Manual Integrations
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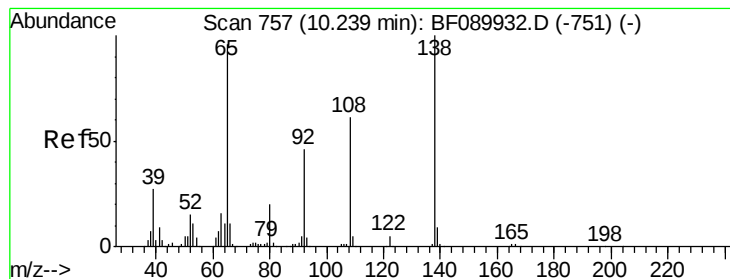
Sohil
9/9/2016 8:39:51 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.92 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	40.0
141	50.8	36.5	54.7





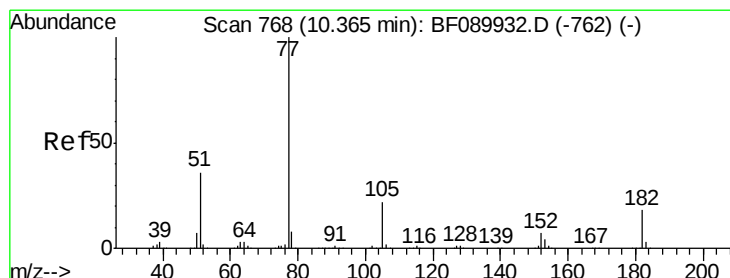
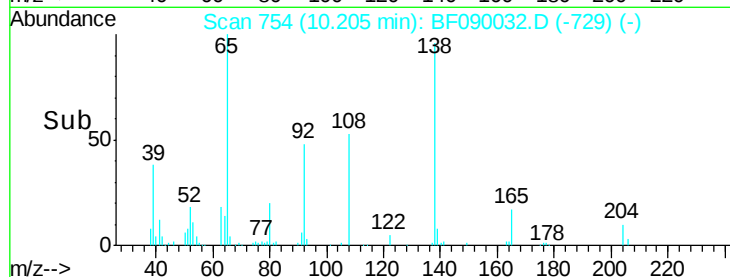
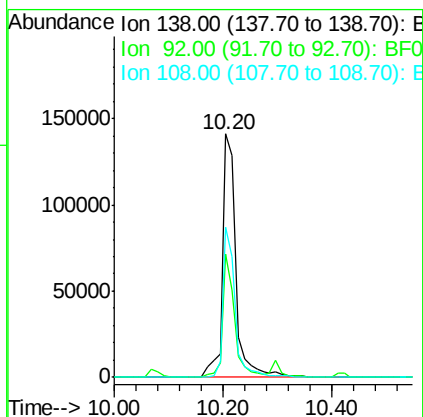
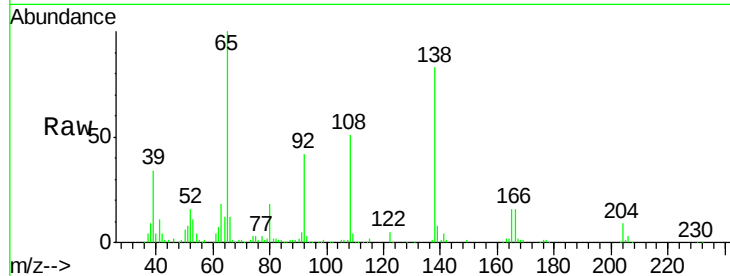
#61
4-Nitroaniline
Concen: 32.71 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	21.2	61.2
108	61.7	37.7	77.7

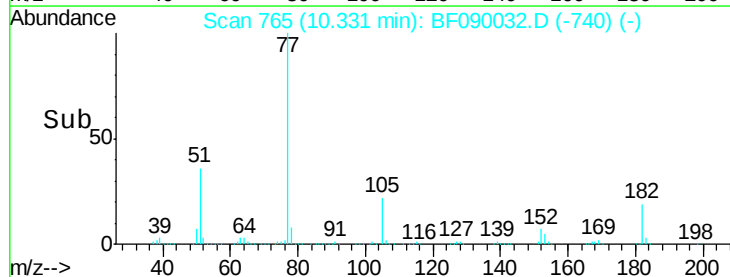
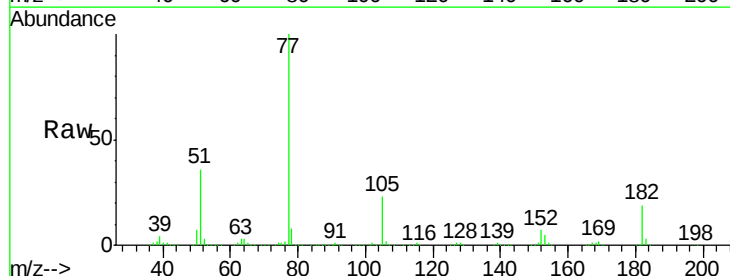
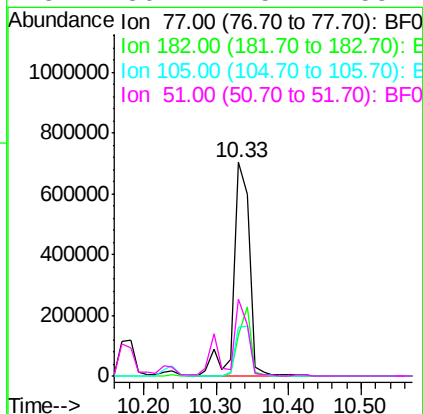
Manual Integrations
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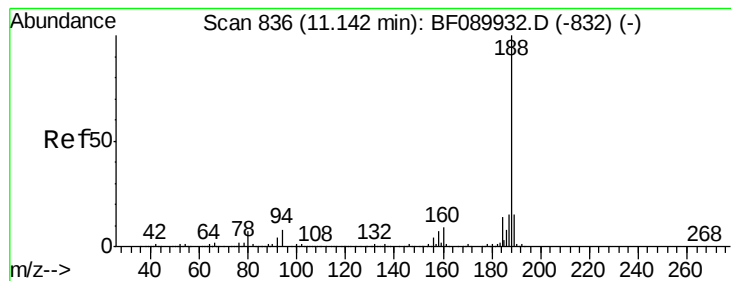
Sohil
9/9/2016 8:39:51 AM



#62
Azobenzene
Concen: 36.95 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	0.0	38.6
105	22.6	2.3	42.3
51	36.2	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: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

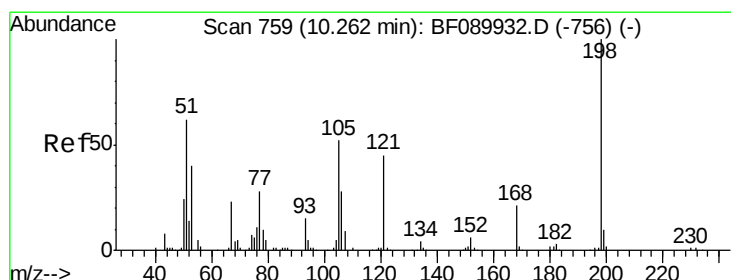
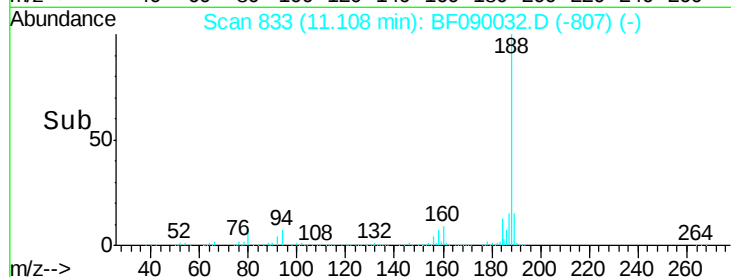
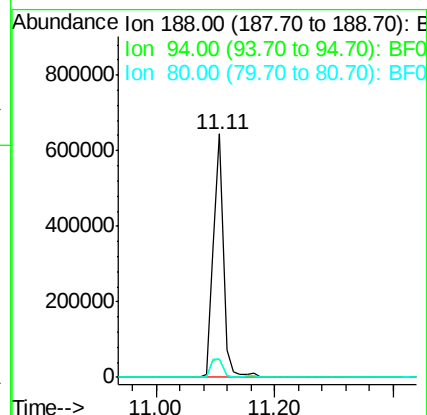
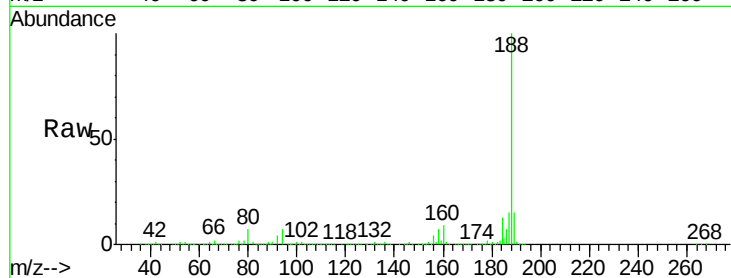
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	188	Resp:	765018
Ion Ratio	Lower	Upper	
188	100		
94	7.4	5.9	8.9
80	7.3	5.8	8.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 22.72 ng

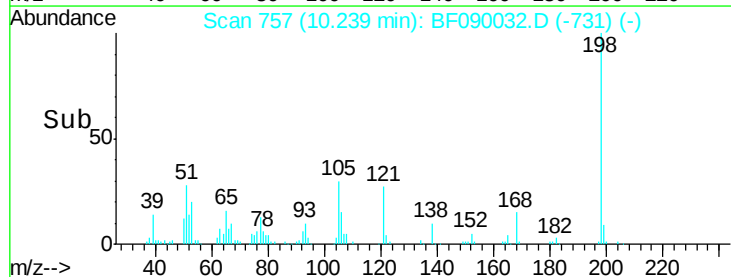
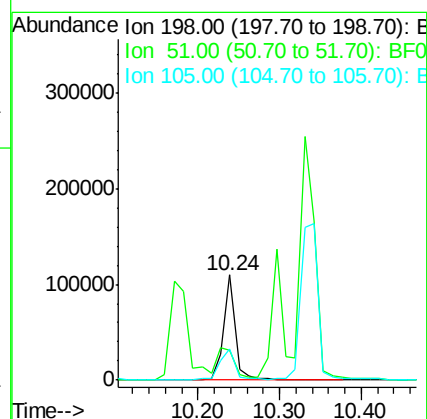
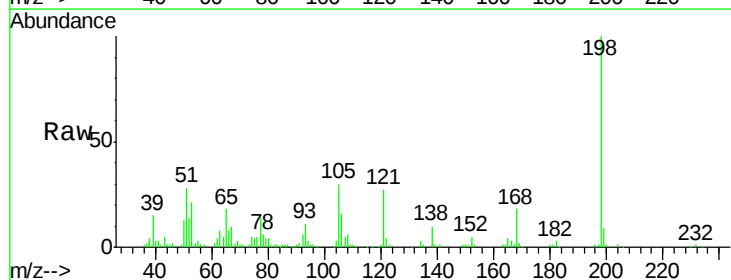
RT: 10.24 min Scan# 757

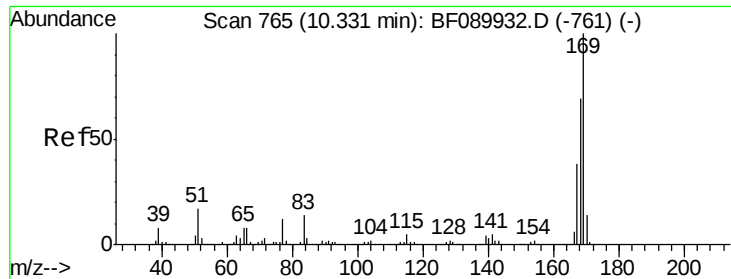
Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	198	Resp:	111297
Ion Ratio	Lower	Upper	
198	100		
51	28.2	43.0	83.0#
105	30.0	30.3	70.3#





#65

n-Nitrosodiphenylamine

Concen: 36.25 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

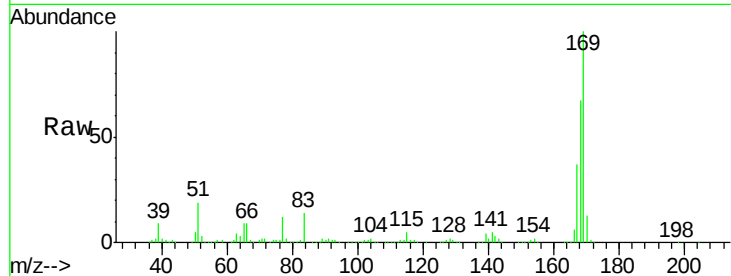
ClientSampleId :

SB-3-7.0-8.0MSD

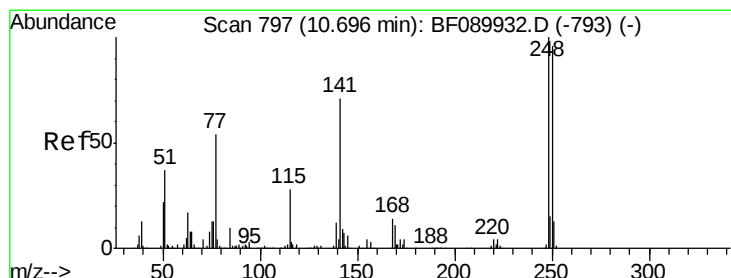
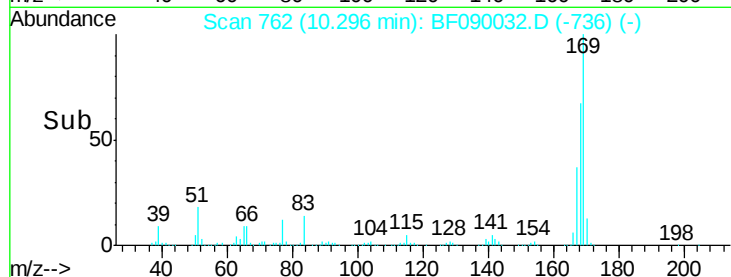
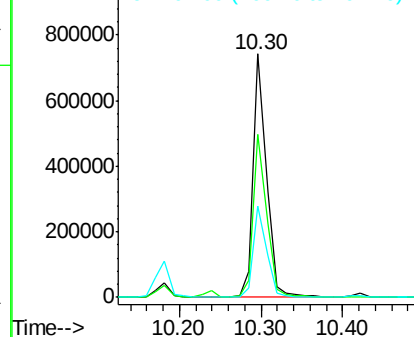
Tgt Ion:	169	Resp:	833700
Ion Ratio	Lower	Upper	
169	100		
168	66.7	55.0	82.4
167	37.3	30.5	45.7

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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: 40.26 ng

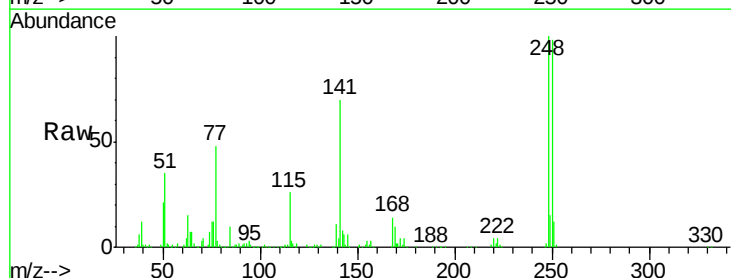
RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

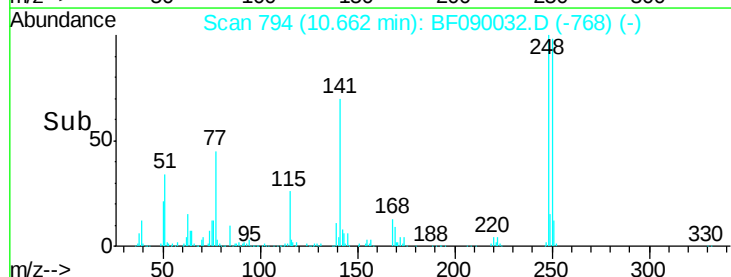
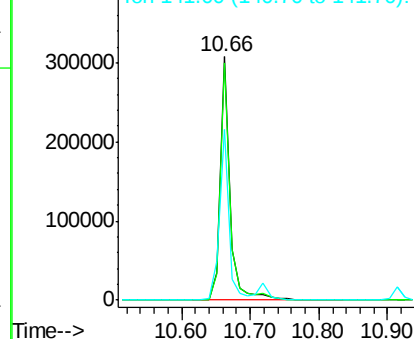
Lab File: BF090032.D

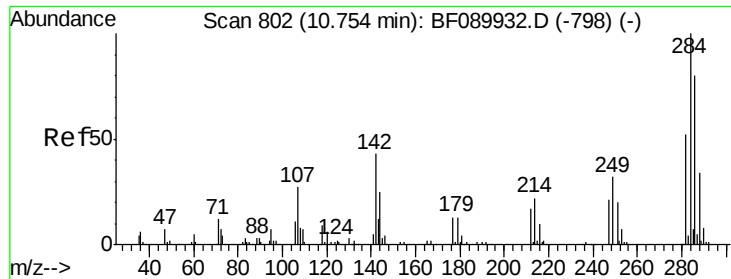
Acq: 8 Sep 2016 18:52

Tgt Ion:	248	Resp:	310046
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.3	115.9
141	70.2	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





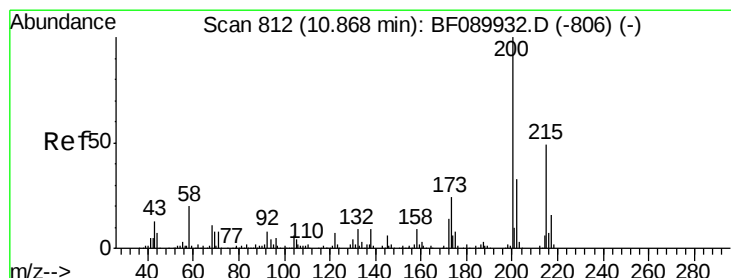
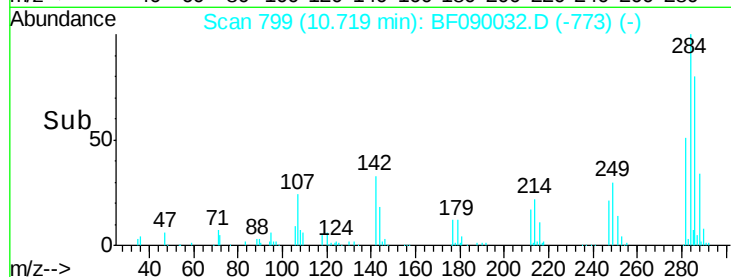
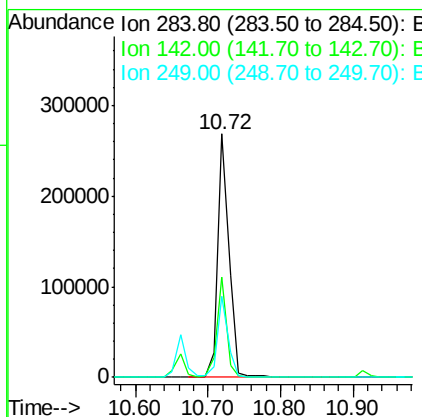
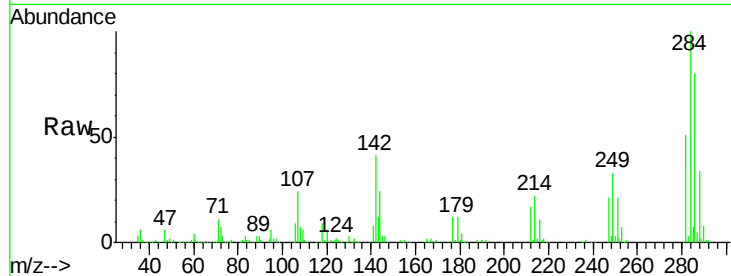
#67
Hexachlorobenzene
Concen: 33.09 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	291089		
142	41.3	32.7	49.1	
249	33.5	26.9	40.3	

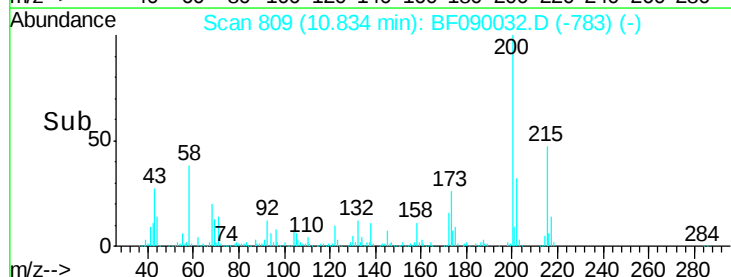
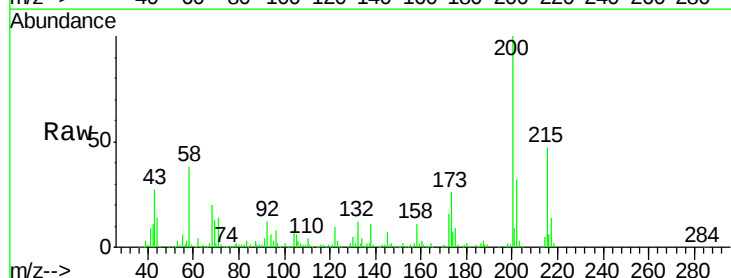
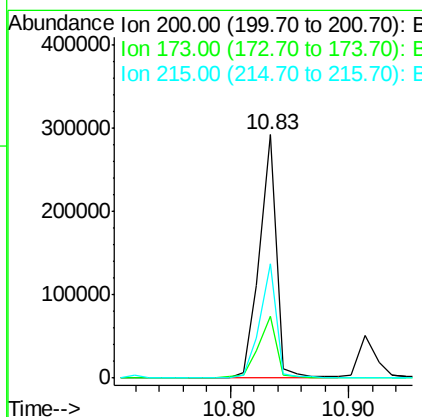
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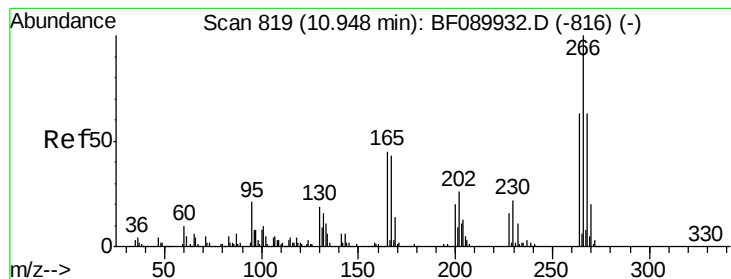
Sohil
9/9/2016 8:39:51 AM



#68
Atrazine
Concen: 38.63 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	296577		
173	25.6	9.4	49.4	
215	47.0	24.5	64.5	





#69

Pentachlorophenol

Concen: 62.21 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion: 266 Resp: 294425

Ion Ratio Lower Upper

266 100

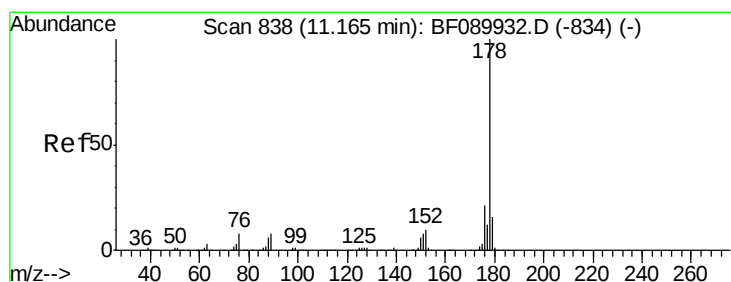
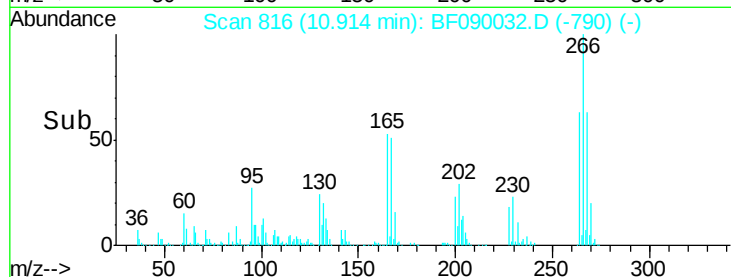
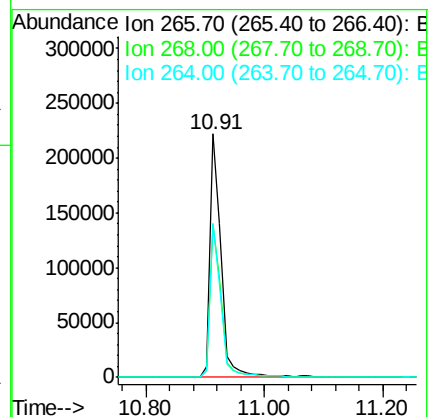
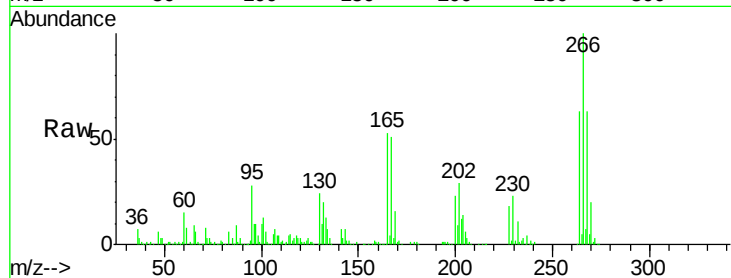
268 63.0 51.0 76.6

264 63.1 50.6 75.8

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#70

Phenanthrene

Concen: 37.02 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

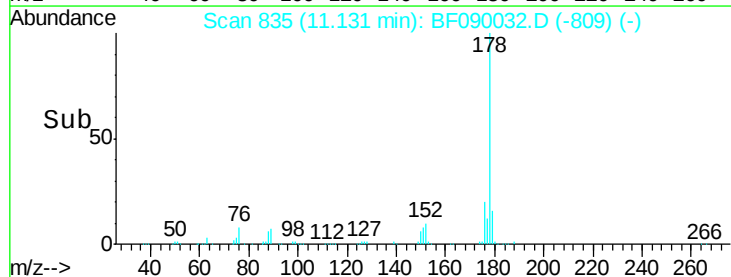
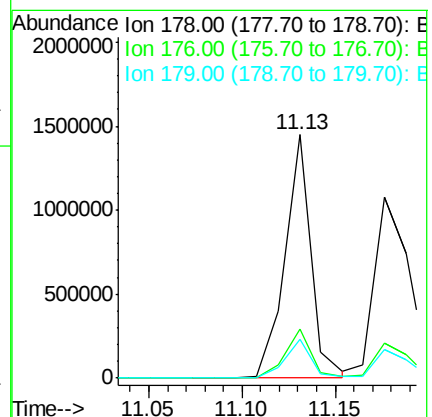
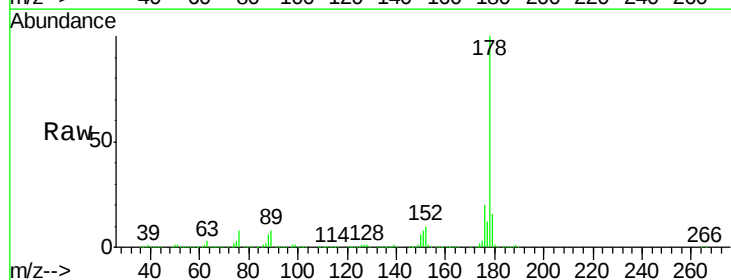
Tgt Ion: 178 Resp: 1410161

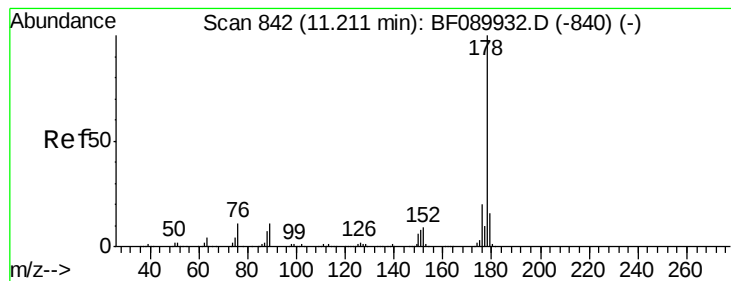
Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

179 15.9 12.8 19.2





#71

Anthracene

Concen: 36.94 ng

RT: 11.18 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:178 Resp: 1427355

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

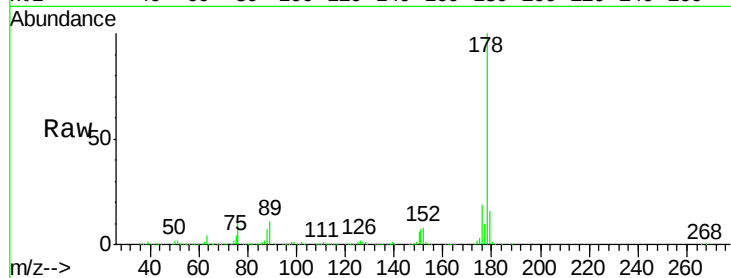
179 15.8 13.0 19.4

Manual Integrations

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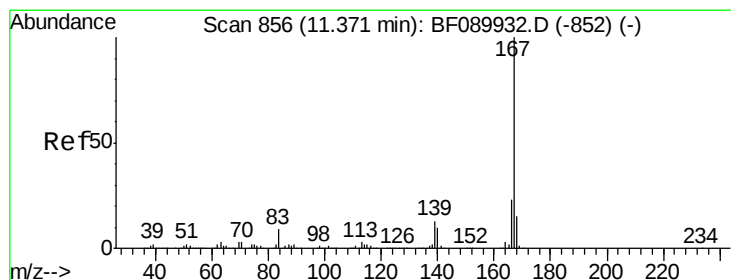
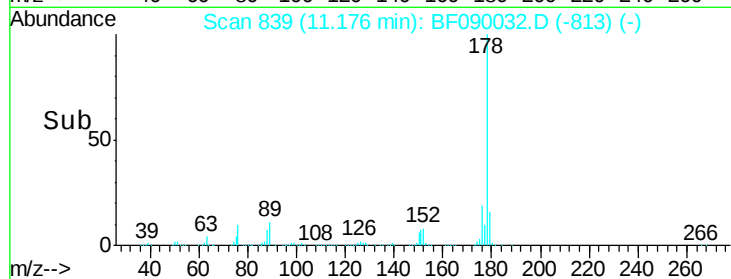
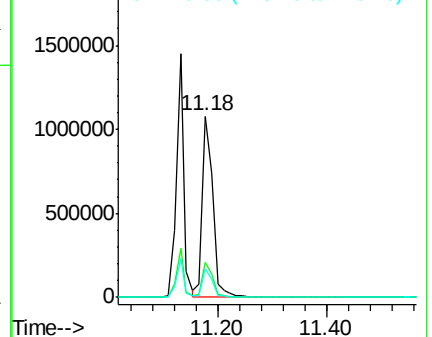
9/9/2016 8:39:51 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.26 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

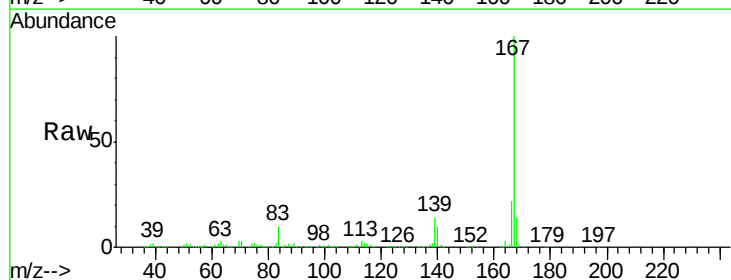
Tgt Ion:167 Resp: 1241149

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

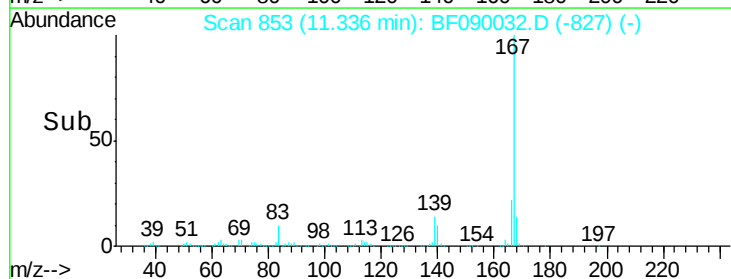
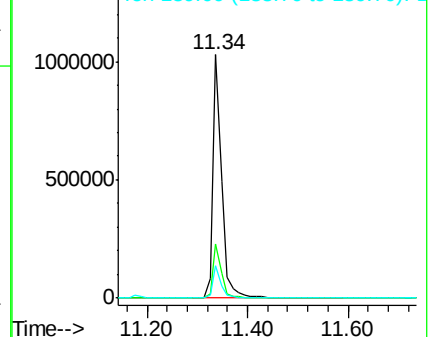
139 13.6 10.4 15.6

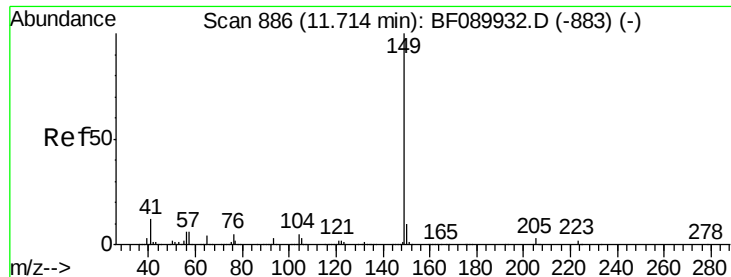


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.52 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:149 Resp: 1542329

Ion Ratio Lower Upper

149 100

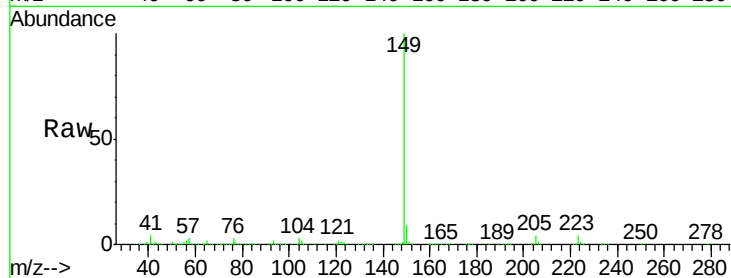
150 8.9 7.8 11.8

104 3.2 3.9 5.9#

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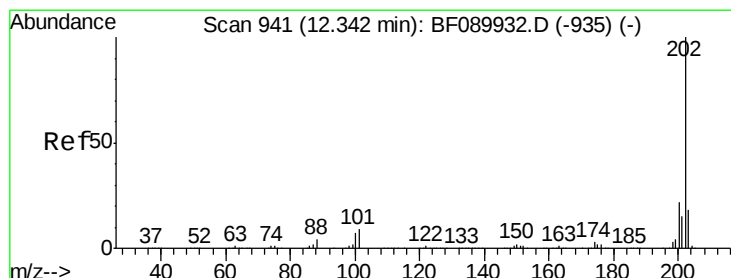
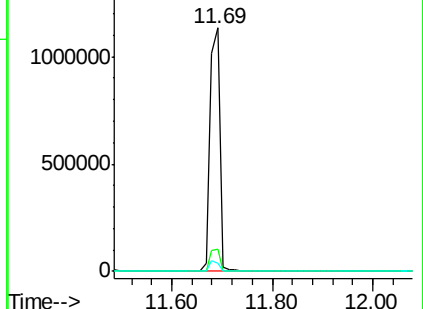
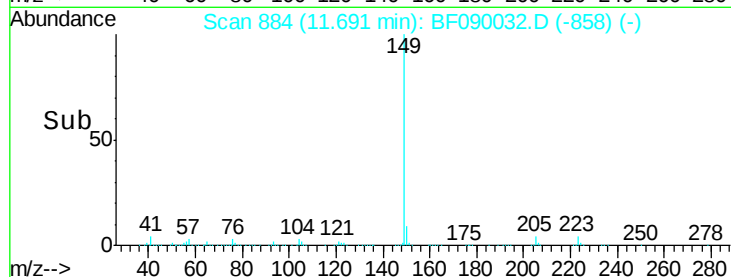
9/9/2016 8:39:51 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.58 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

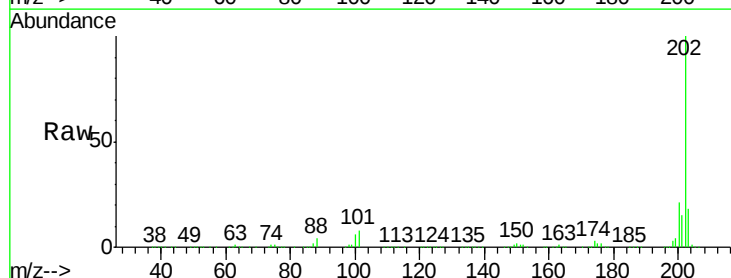
Tgt Ion:202 Resp: 1460415

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.5

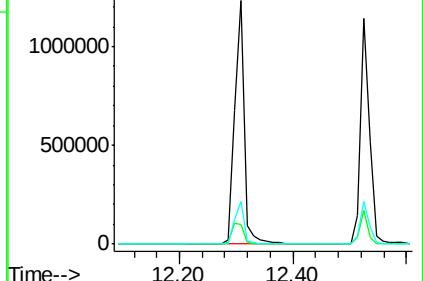
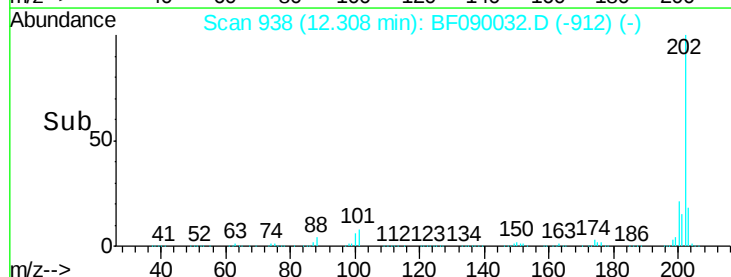
203 17.6 0.0 38.0

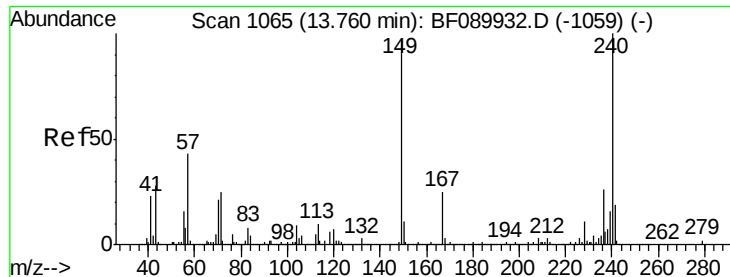


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

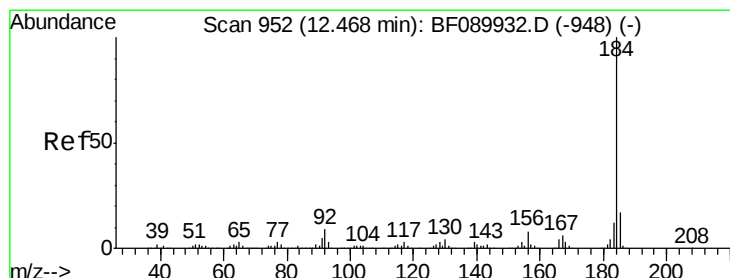
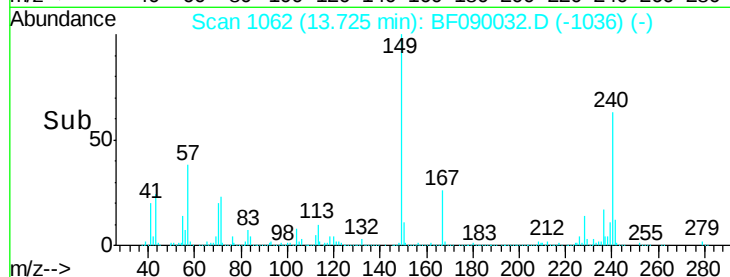
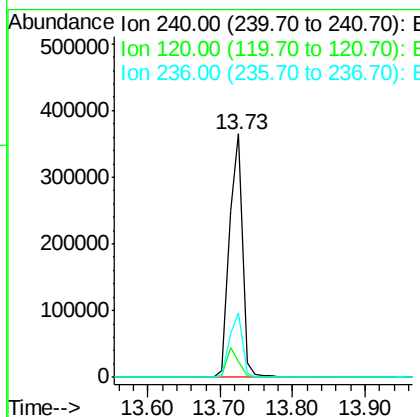
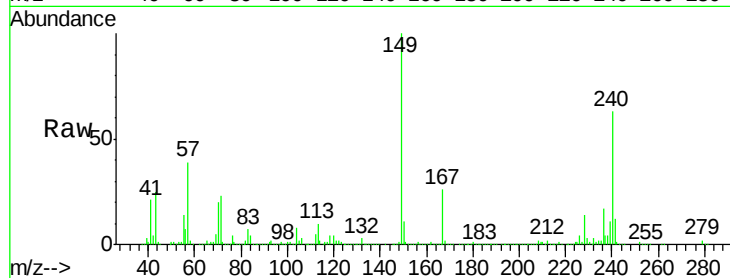
ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:	240	Resp:	454559
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.7	8.5
236	26.6	21.3	31.9

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#76

Benzidine

Concen: 41.33 ng

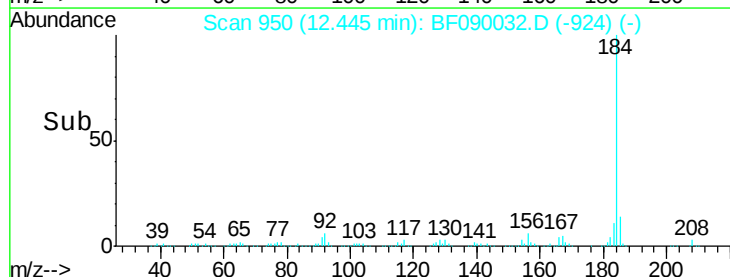
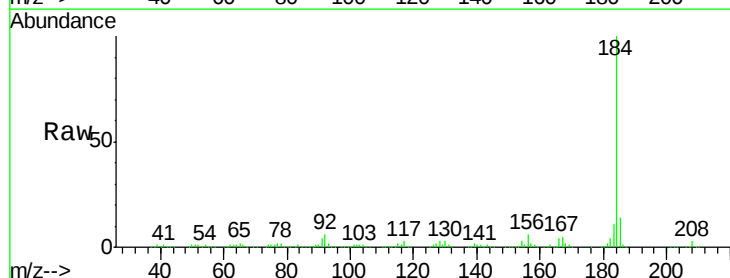
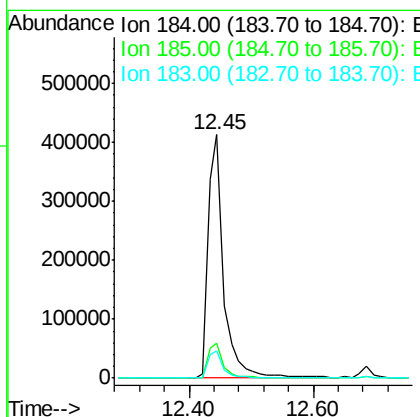
RT: 12.45 min Scan# 950

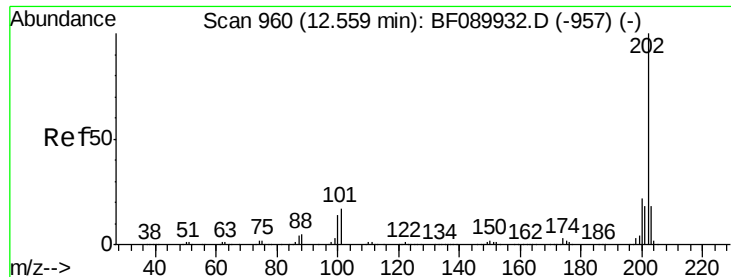
Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	184	Resp:	711730
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.8	20.8
183	11.3	9.6	14.4





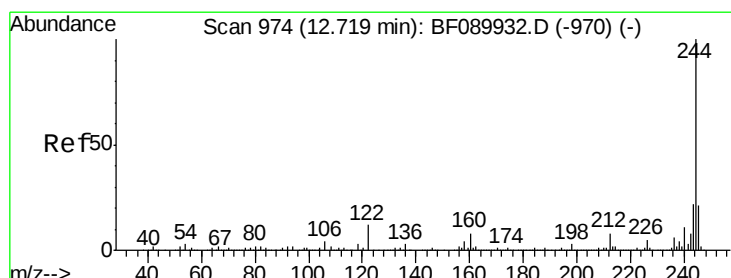
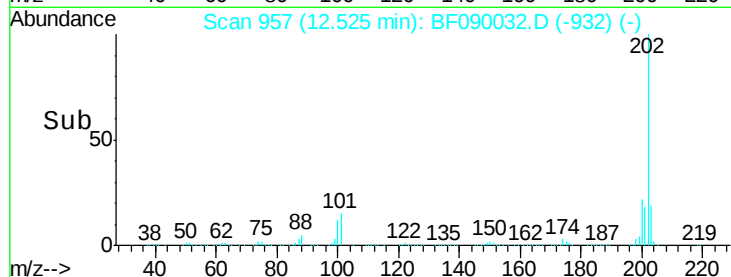
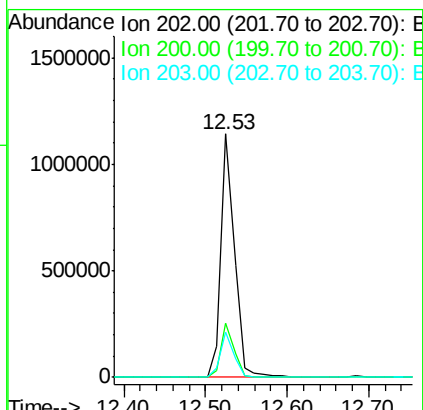
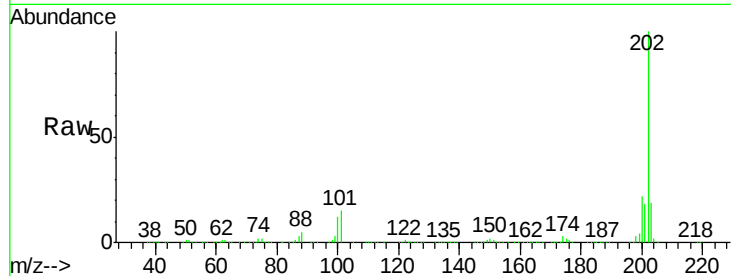
#77
 Pyrene
 Concen: 40.72 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.7	14.6	21.8

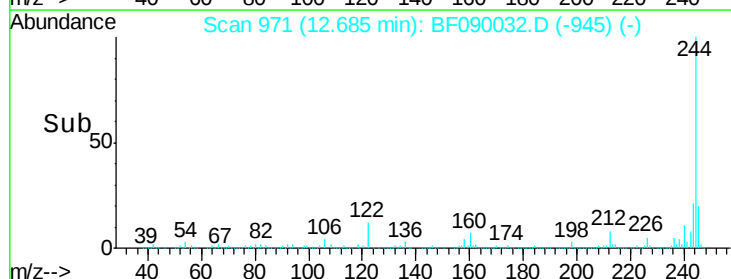
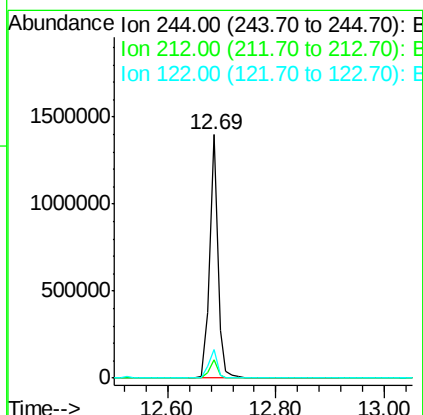
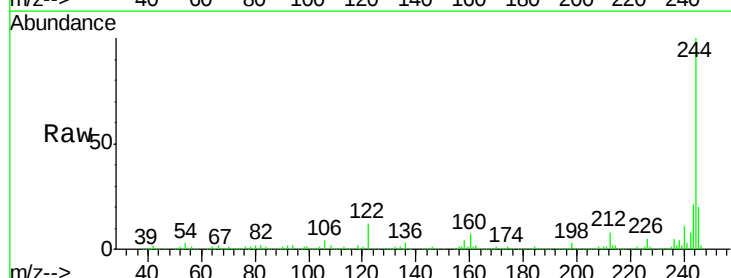
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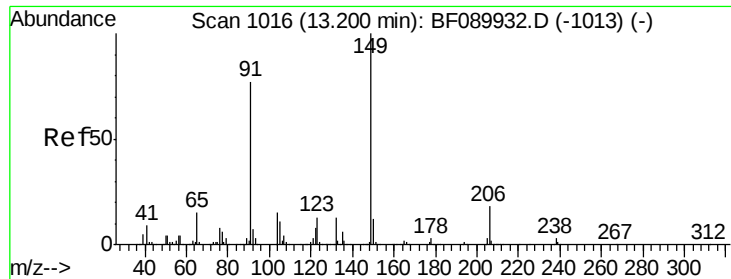
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#78
 Terphenyl-d14
 Concen: 79.97 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.6	9.6	14.4





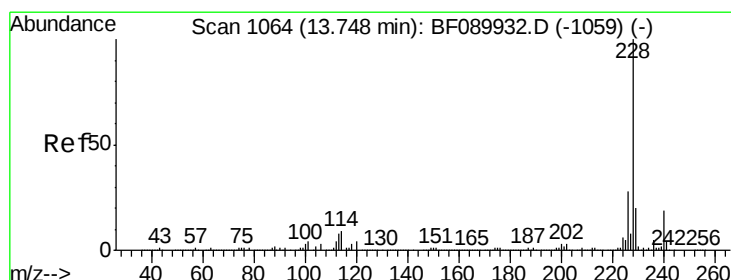
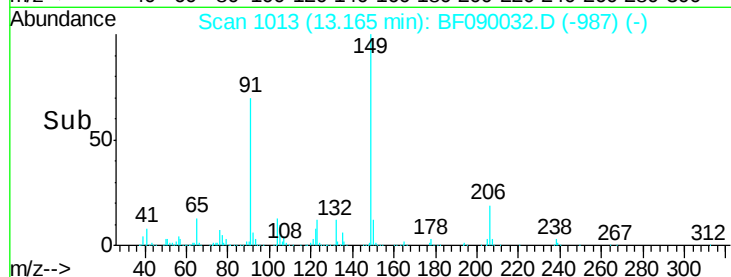
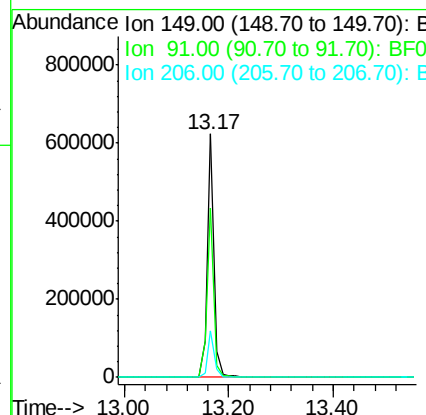
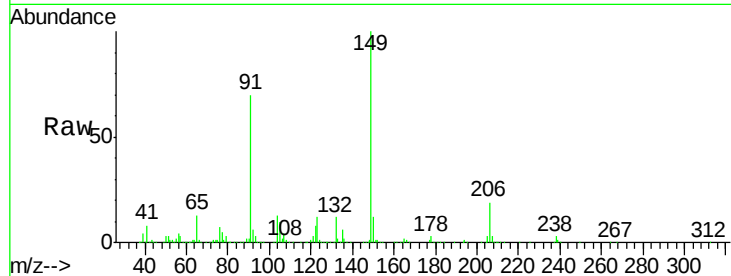
#79
Butylbenzylphthalate
Concen: 43.38 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	560643		
91	69.7	60.0	90.0	
206	18.9	15.1	22.7	

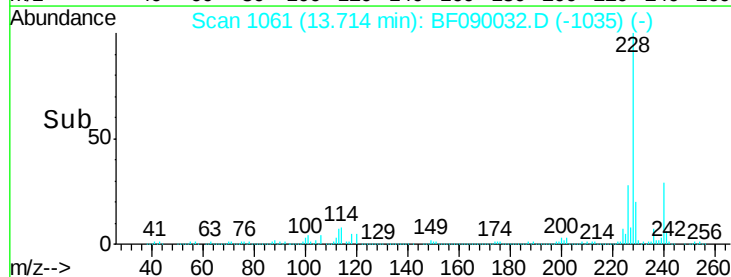
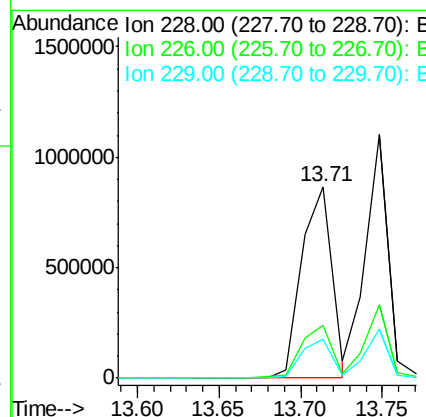
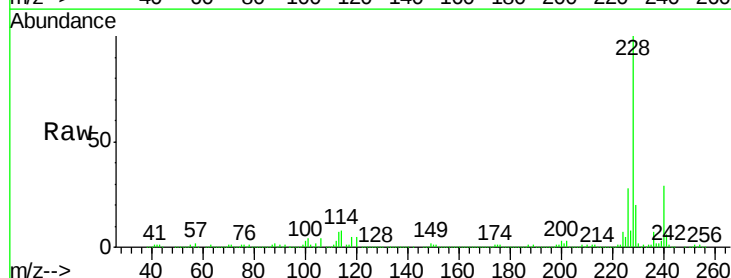
Manual Integrations
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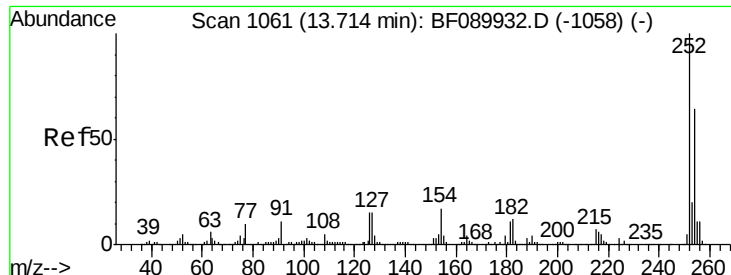
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#80
Benzo(a)anthracene
Concen: 40.41 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1125054		
226	27.9	22.2	33.2	
229	20.1	15.8	23.6	





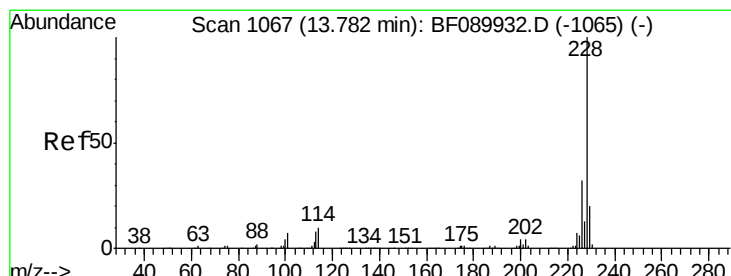
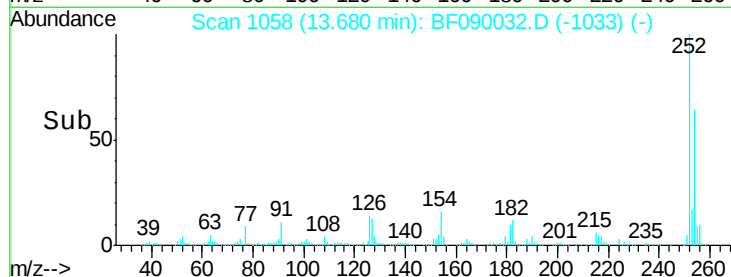
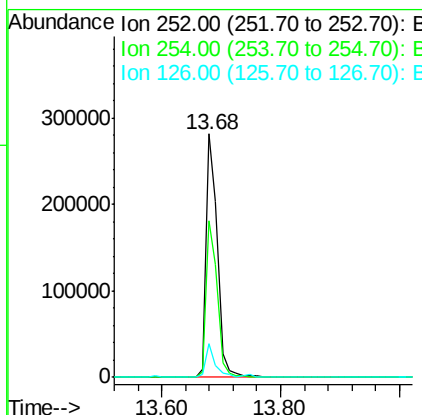
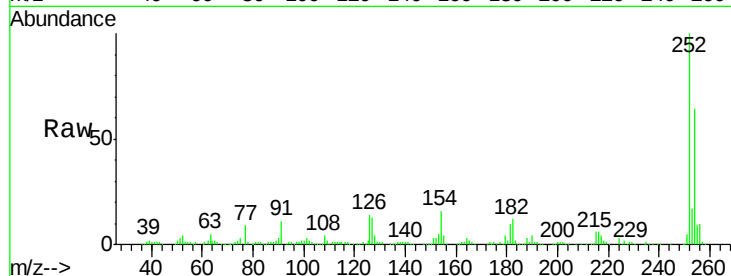
#81
 3,3'-Dichlorobenzidine
 Concen: 37.28 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	374649		
254	64.4	51.3	76.9	
126	13.9	12.3	18.5	

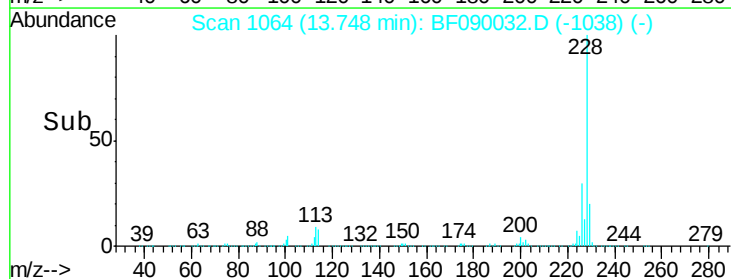
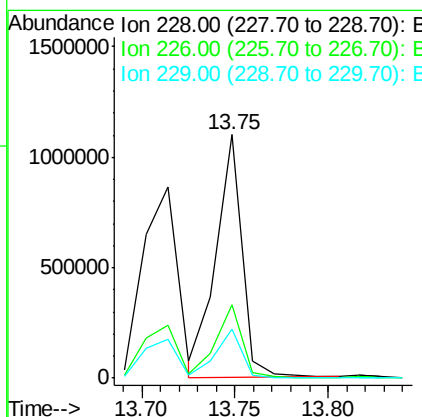
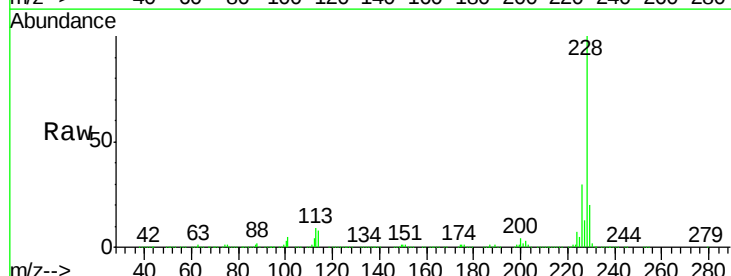
Manual Integrations
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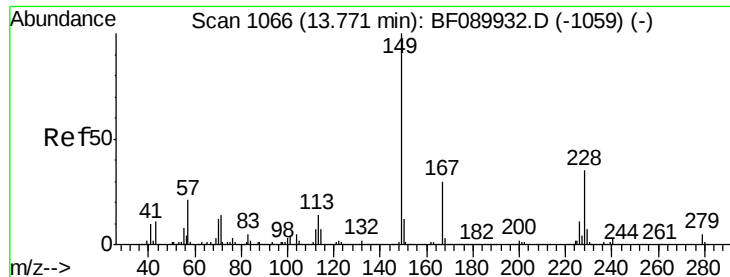
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#82
 Chrysene
 Concen: 41.16 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1070395		
226	30.2	25.2	37.8	
229	19.9	16.2	24.2	





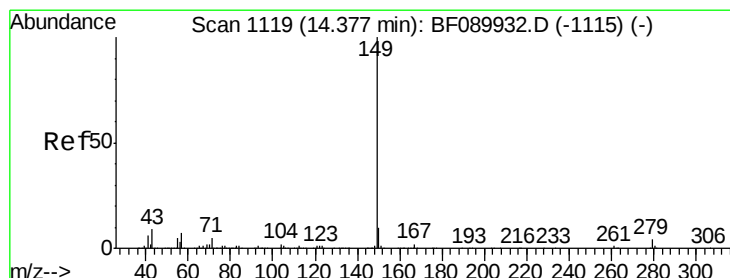
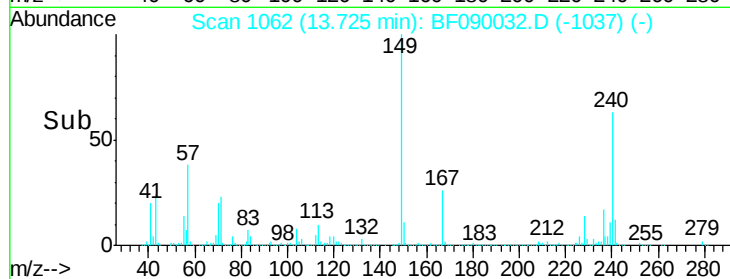
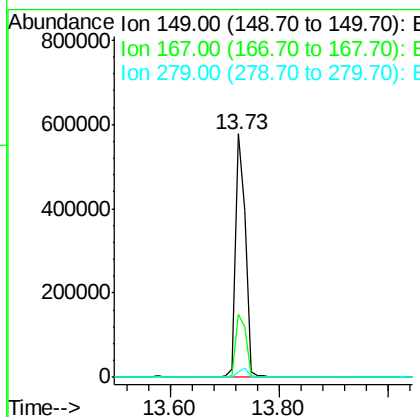
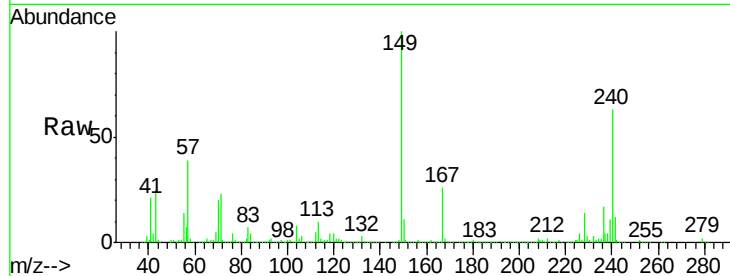
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.36 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	703707		
167	26.1	23.6	35.4	
279	2.1	3.4	5.2#	

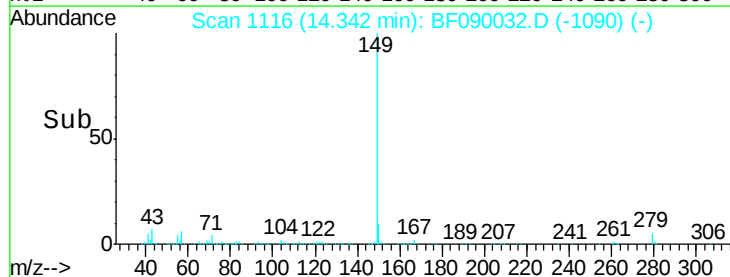
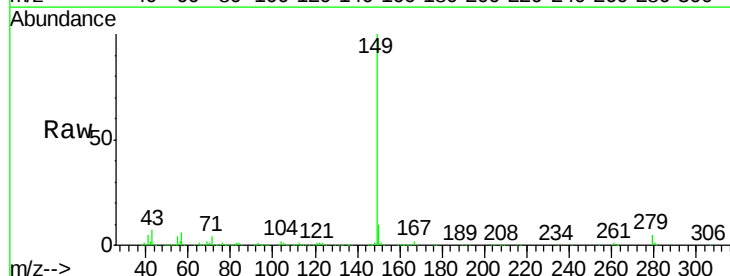
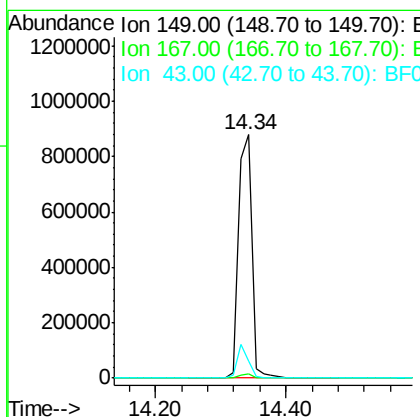
Manual Integrations
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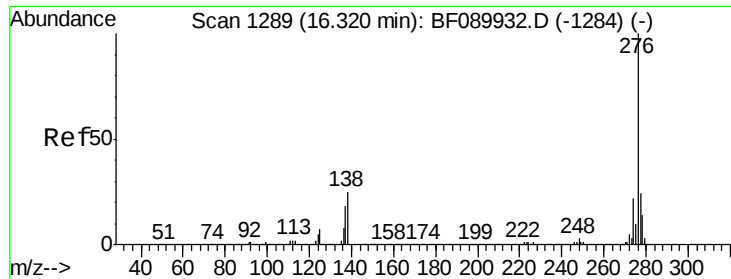
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#84
 Di-n-octyl phthalate
 Concen: 42.14 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1215863		
167	1.8	1.2	1.8	
43	11.1	9.3	13.9	





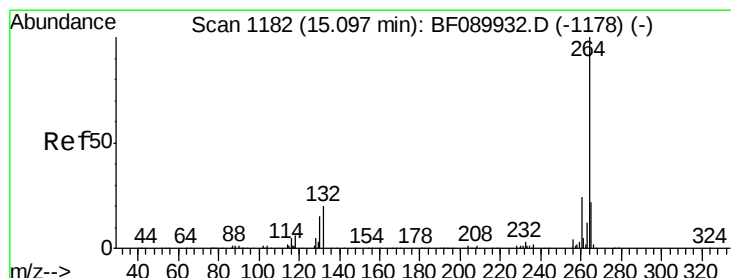
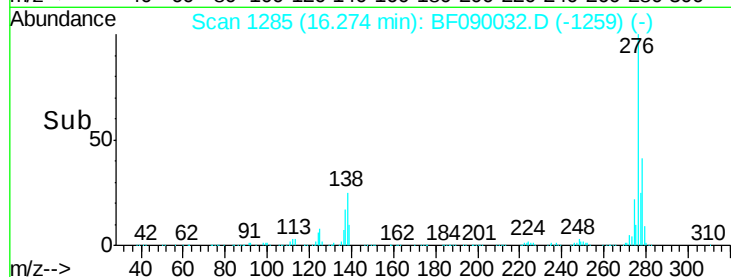
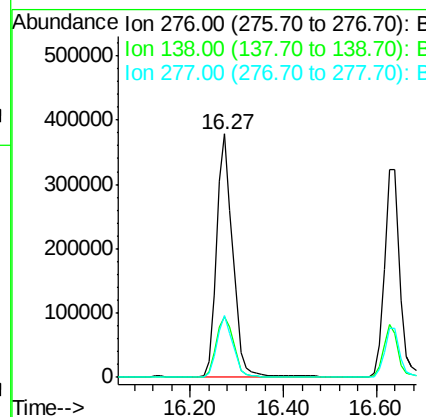
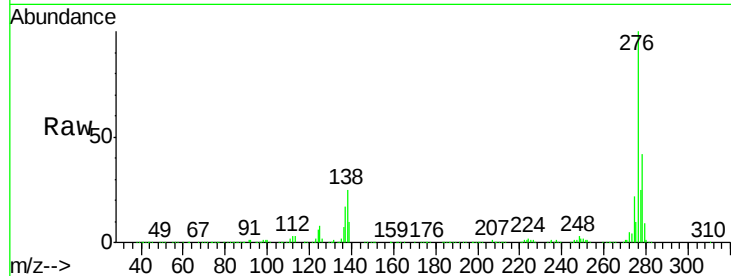
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.32 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.6	34.0
277	25.3	20.1	30.1

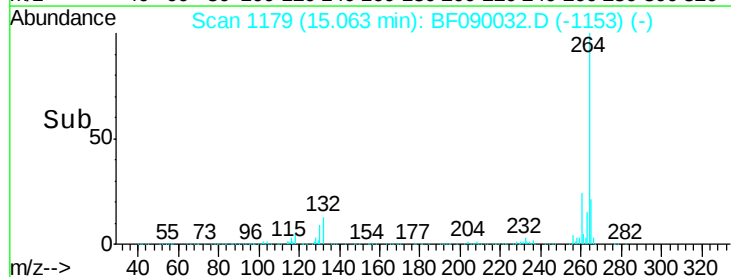
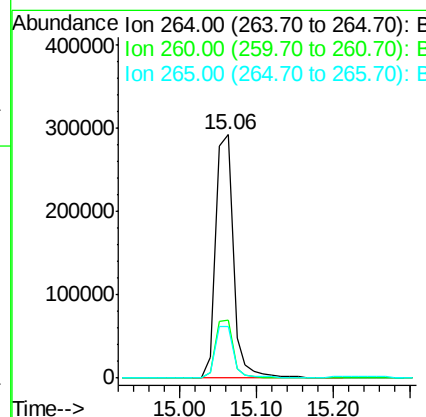
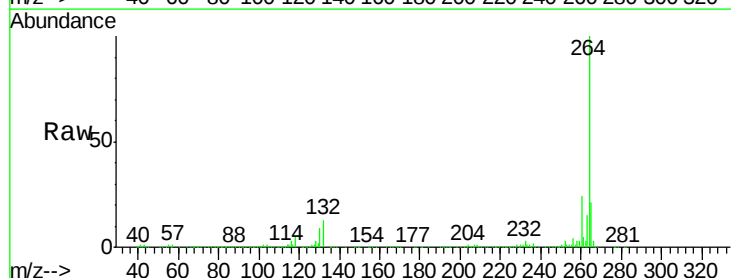
Manual Integrations
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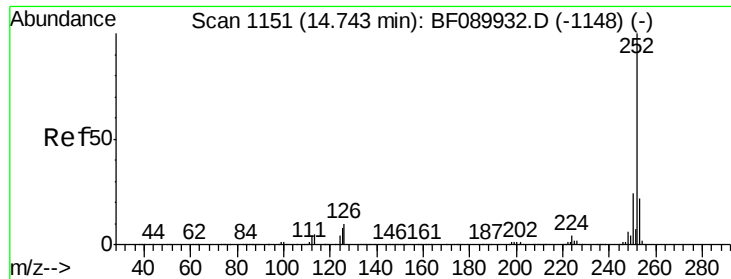
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.2	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 46.49 ng m

RT: 14.70 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

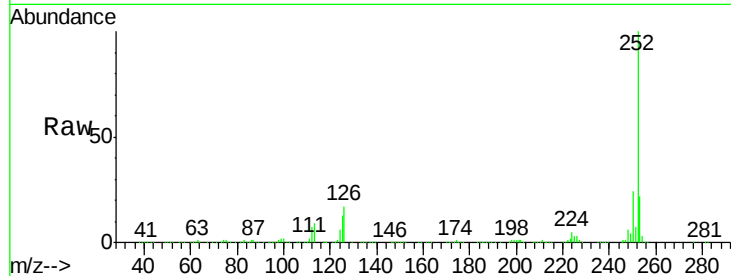
ClientSampleId :

SB-3-7.0-8.0MSD

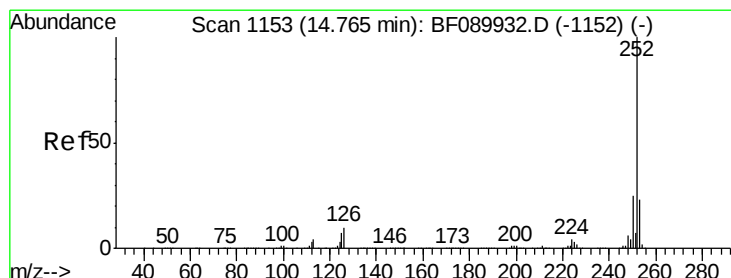
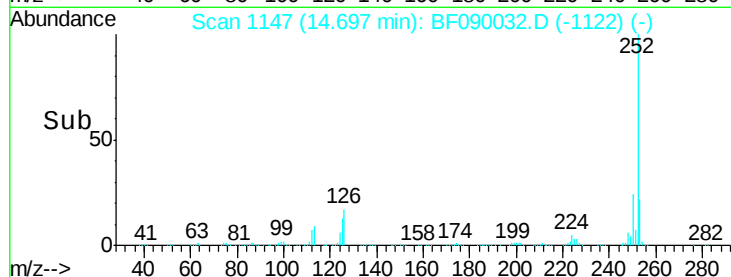
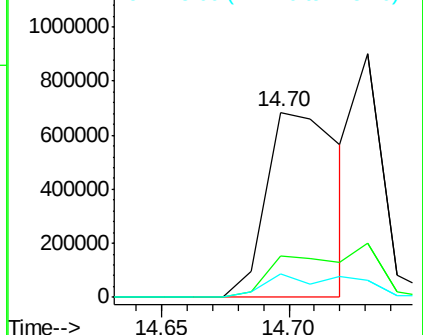
Tgt Ion:	252	Resp:	1374215
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	12.8	5.7	8.5#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.09 ng m

RT: 14.73 min Scan# 1150

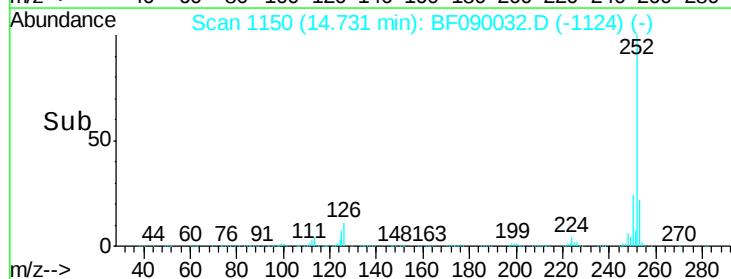
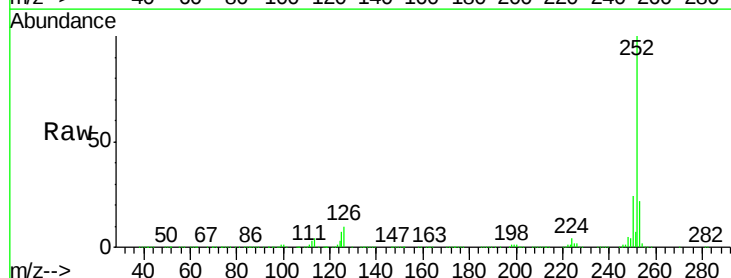
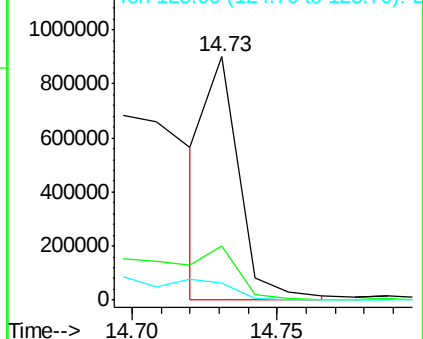
Delta R.T. 0.00 min

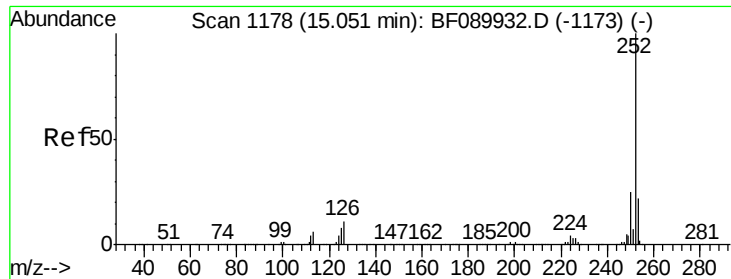
Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:	252	Resp:	704516
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	7.0	7.3	10.9#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





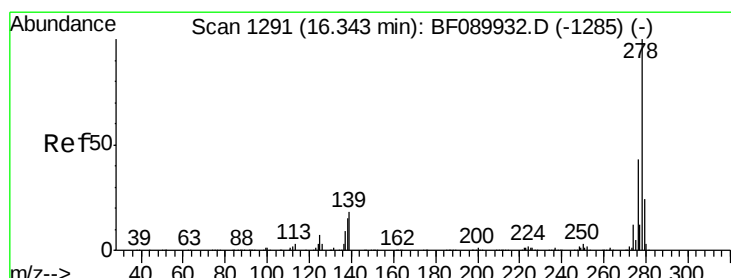
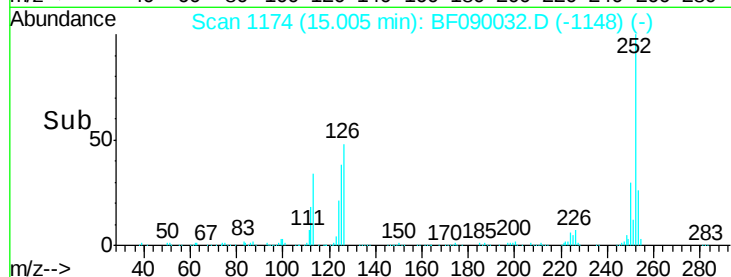
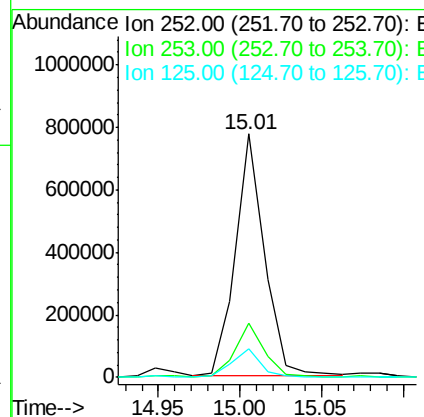
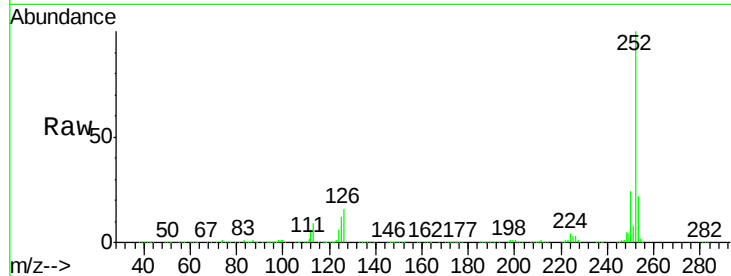
#89
Benzo(a)pyrene
Concen: 37.72 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	17.5	26.3
125	12.0	6.3	9.5

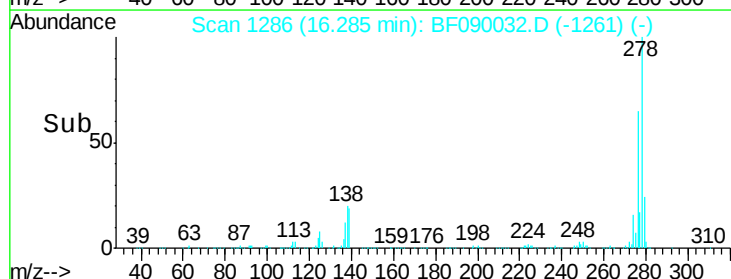
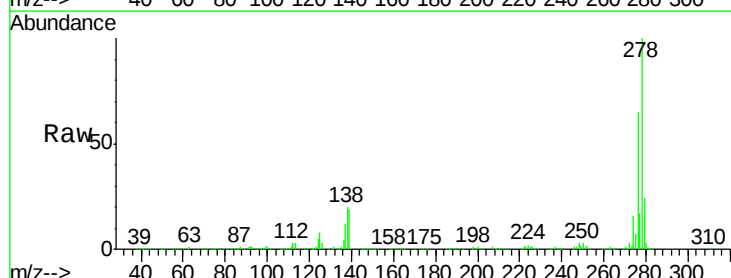
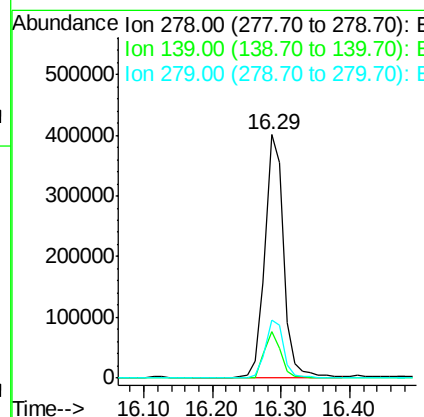
Manual Integrations
APPROVED

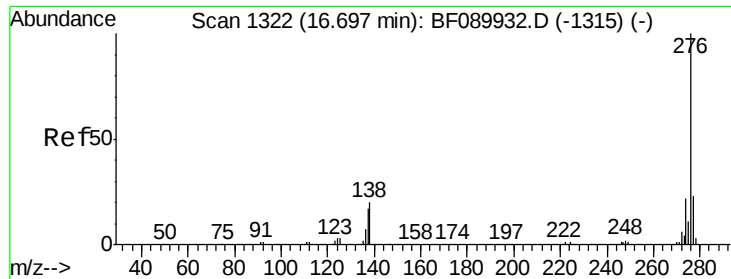
Sohil
9/9/2016 8:39:51 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.48 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.2	13.4	20.2
279	23.8	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 39.49 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	25.4	16.4	24.6

Manual Integrations
 APPROVED

Sohil
 9/9/2016 8:39:51 AM

