

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087720.D
 Acq On : 5 Jun 2016 21:22
 Operator : UM/SJ
 Sample : H3379-04MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Manual Integrations
 APPROVED

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 6/6/2016 7:25:07 PM

Quant Time: Jun 06 04:23:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117579	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	486308	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	231825	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	416375	20.00	ng	0.00
75) Chrysene-d12	14.02	240	296256	20.00	ng	0.00
86) Perylene-d12	15.44	264	243310	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1007884	138.55	ng	0.02
7) Phenol-d6	6.50	99	1213494	133.01	ng	0.01
23) Nitrobenzene-d5	7.43	82	718139	85.44	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	305521	131.29	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1295427	86.15	ng	0.00
78) Terphenyl-d14	12.97	244	1012395	83.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	126138	35.87	ng	# 32
3) Pyridine	3.27	79	379803	40.89	ng	98
4) n-Nitrosodimethylamine	3.22	42	170565	43.46	ng	96
6) Aniline	6.52	93	364813	28.21	ng	99
8) 2-Chlorophenol	6.65	128	410431	49.03	ng	87
9) Benzaldehyde	6.40	77	26342	4.27	ng	88
10) Phenol	6.51	94	544011	52.37	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	382220	50.64	ng	87
12) 1,3-Dichlorobenzene	6.80	146	376955	42.06	ng	99
13) 1,4-Dichlorobenzene	6.88	146	408572	45.43	ng	98
14) 1,2-Dichlorobenzene	7.03	146	358662m	42.54	ng	
15) Benzyl Alcohol	7.00	79	293602	43.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	486229	44.17	ng	97
17) 2-Methylphenol	7.12	107	310875	46.25	ng	99
18) Hexachloroethane	7.37	117	141356	44.95	ng	# 82
19) n-Nitroso-di-n-propylamine	7.29	70	267830	47.01	ng	# 85
20) 3+4-Methylphenols	7.28	107	394245	47.87	ng	# 77
22) Acetophenone	7.28	105	485395	44.07	ng	# 91
24) Nitrobenzene	7.45	77	433304	51.51	ng	97
25) Isophorone	7.69	82	714348	46.68	ng	99
26) 2-Nitrophenol	7.76	139	199402	51.01	ng	97
27) 2,4-Dimethylphenol	7.80	122	365511	45.12	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	456058	46.98	ng	# 96
29) 2,4-Dichlorophenol	8.00	162	323743	48.66	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	324827	46.62	ng	99
31) Naphthalene	8.17	128	1104097	46.70	ng	100
32) Benzoic acid	7.88	122	45498	9.31	ng	92
33) 4-Chloroaniline	8.22	127	237538	23.13	ng	97
34) Hexachlorobutadiene	8.30	225	167580	46.26	ng	98
35) Caprolactam	8.59	113	116325m	53.22	ng	
36) 4-Chloro-3-methylphenol	8.71	107	359798	52.28	ng	94
37) 2-Methylnaphthalene	8.87	142	718705	46.03	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	278076	43.52	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	285791	76.05	ng	99

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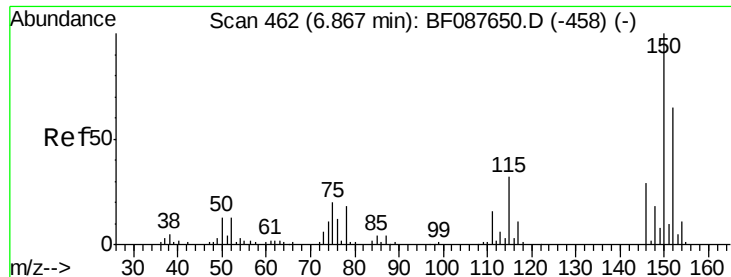
Manual Integrations
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Quant Time: Jun 06 04:23:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	258016	53.47	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	214369	47.74	nq	97
45) 1,1'-Biphenyl	9.32	154	787352	41.85	nq	99
46) 2-Chloronaphthalene	9.35	162	643589	42.97	nq	100
47) 2-Nitroaniline	9.45	65	220995	52.41	nq	# 58
48) Acenaphthylene	9.77	152	1140751	48.84	nq	99
49) Dimethylphthalate	9.63	163	858241	50.92	nq	99
50) 2,6-Dinitrotoluene	9.69	165	180472	47.06	nq	# 71
51) Acenaphthene	9.94	154	702052	46.72	nq	100
52) 3-Nitroaniline	9.85	138	138053	31.48	nq	99
53) 2,4-Dinitrophenol	9.95	184	86018	50.91	nq	# 88
54) Dibenzofuran	10.11	168	1000864	48.92	nq	96
55) 4-Nitrophenol	10.02	139	335253	89.44	nq	87
56) 2,4-Dinitrotoluene	10.09	165	228247	46.74	nq	# 65
57) Fluorene	10.46	166	727702	45.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	188657	48.77	nq	# 54
59) Diethylphthalate	10.33	149	708457	41.86	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	283836	46.92	nq	98
61) 4-Nitroaniline	10.48	138	200864	47.64	nq	88
62) Azobenzene	10.60	77	801986	47.07	nq	99
64) 4,6-Dinitro-2-methylphenol	10.50	198	106266	46.00	nq	# 51
65) n-Nitrosodiphenylamine	10.57	169	678089	49.72	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	208636	50.53	nq	97
67) Hexachlorobenzene	10.99	284	203961	44.18	nq	98
68) Atrazine	11.10	200	209040	51.75	nq	94
69) Pentachlorophenol	11.19	266	214023	78.02	nq	99
70) Phenanthrene	11.42	178	1036536	45.91	nq	99
71) Anthracene	11.46	178	981544	43.39	nq	100
72) Carbazole	11.61	167	992396	46.34	nq	99
73) Di-n-butylphthalate	11.95	149	1145026	49.88	nq	100
74) Fluoranthene	12.59	202	982384	44.22	nq	99
76) Benzidine	12.72	184	197095	16.87	nq	98
77) Pyrene	12.82	202	998691	47.34	nq	100
79) Butylbenzylphthalate	13.45	149	506008	56.36	nq	96
80) Benzo(a)anthracene	14.01	228	735897	43.04	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	179344	37.18	nq	100
82) Chrysene	14.05	228	740449	43.51	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	580380	54.32	nq	# 98
84) Di-n-octyl phthalate	14.62	149	965348	48.60	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	723163	51.41	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	762804m	48.19	nq	
88) Benzo(k)fluoranthene	15.06	252	592048m	44.96	nq	
89) Benzo(a)pyrene	15.38	252	654109	49.16	nq	99
90) Dibenzo(a,h)anthracene	16.86	278	594550	52.51	nq	99
91) Benzo(g,h,i)perylene	17.27	276	601742	52.68	nq	95

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



#1

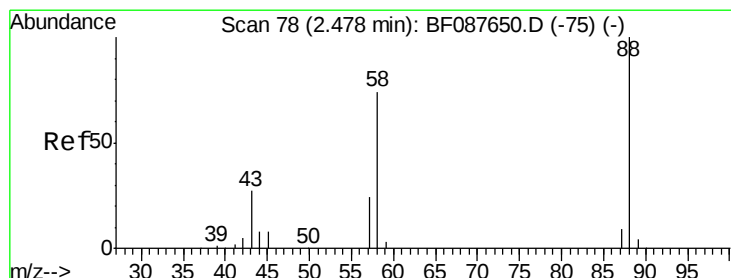
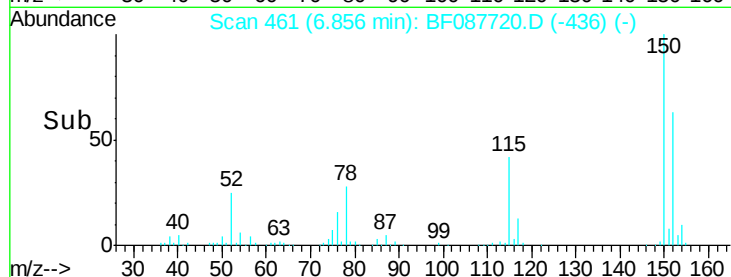
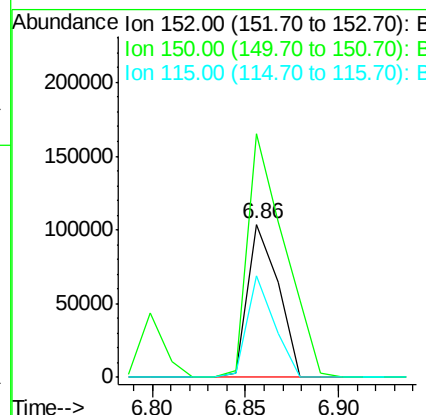
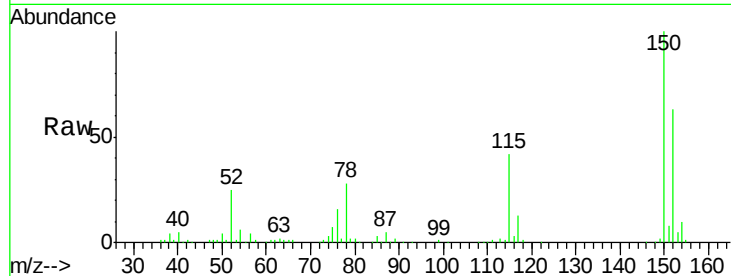
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	66.6	39.6	59.4

Manual Integrations
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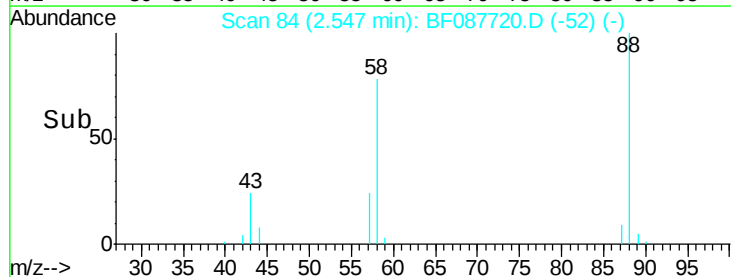
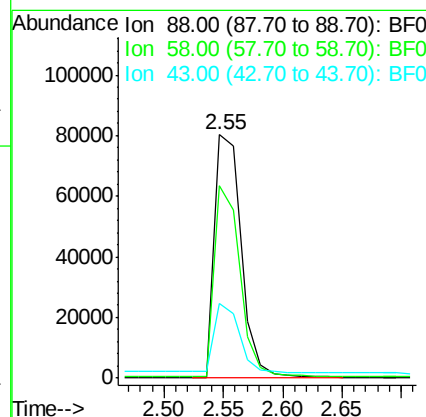
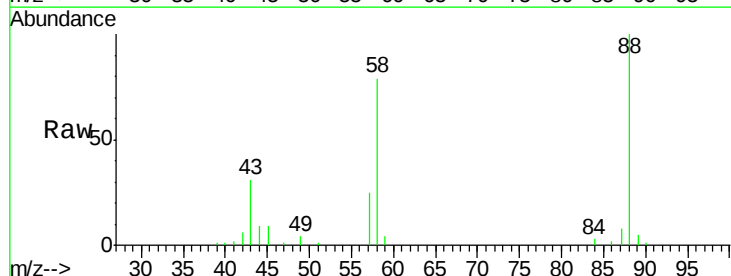
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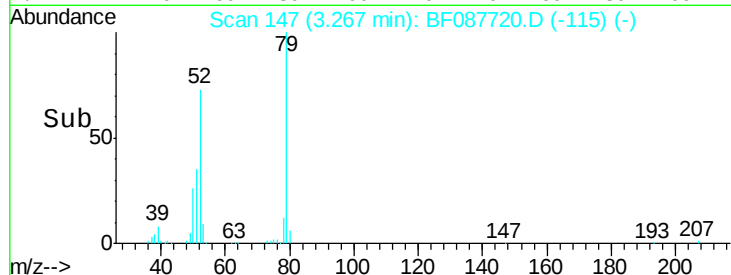
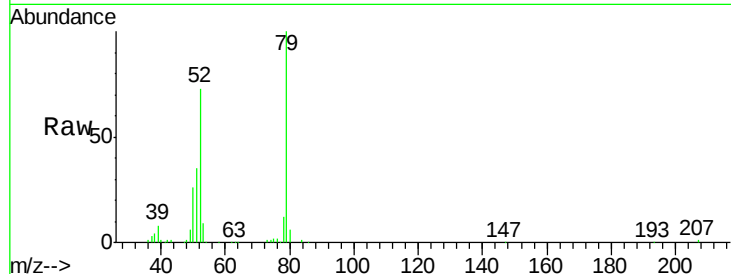
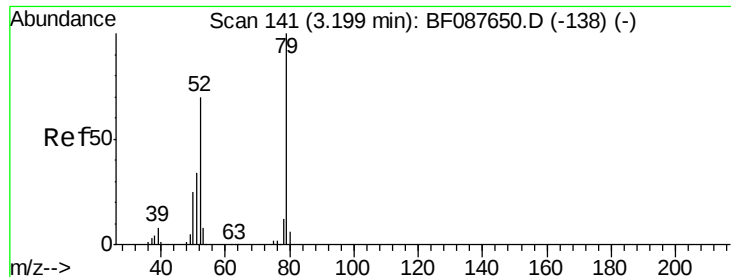


#2

1,4-Dioxane
Concen: 35.87 ng
RT: 2.55 min Scan# 84
Delta R.T. 0.07 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	0.0	0.0
43	26.5	3.4	5.2





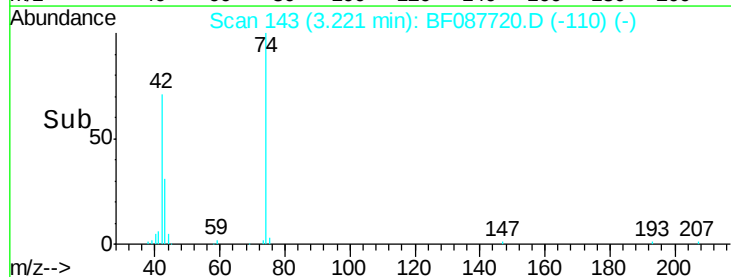
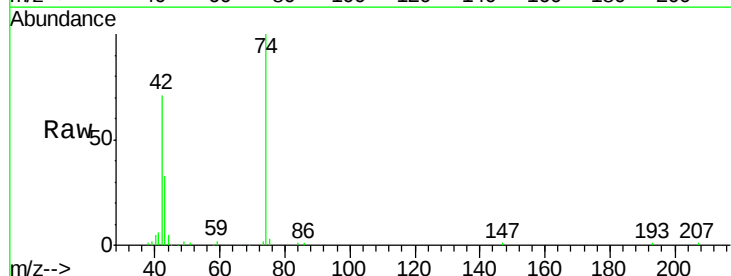
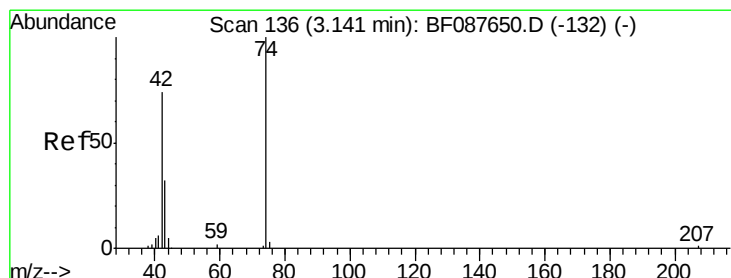
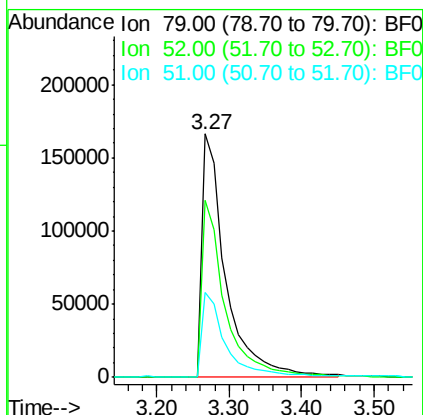
#3
 Pvridine
 Concen: 40.89 ng
 RT: 3.27 min Scan# 147
 Delta R.T. 0.07 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.7	56.3	84.5
51	35.0	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

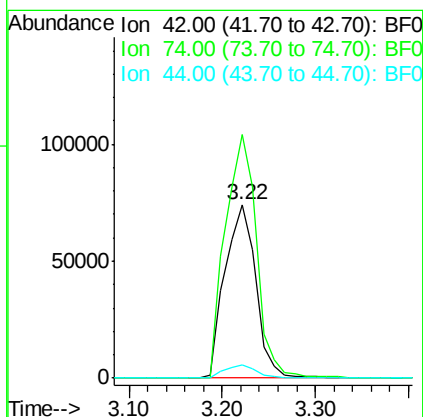
Manual Integrations
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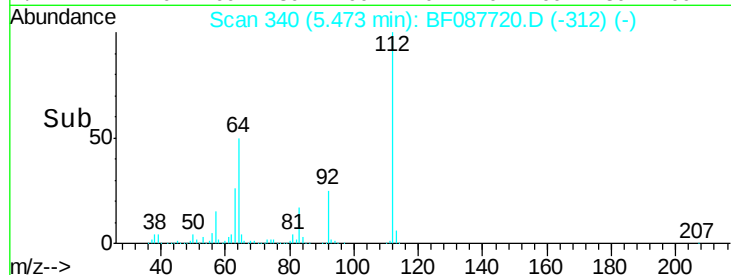
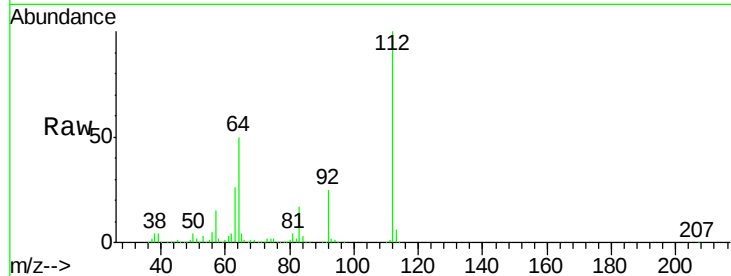
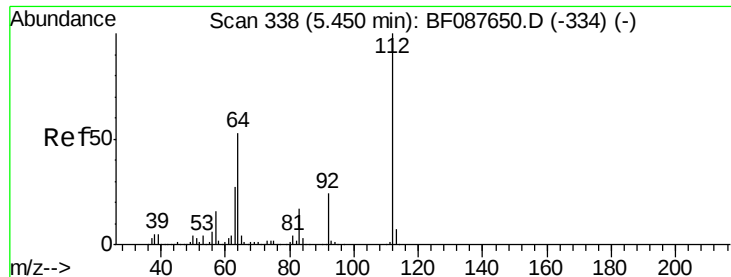
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#4
 n-Nitrosodimethylamine
 Concen: 43.46 ng
 RT: 3.22 min Scan# 143
 Delta R.T. 0.08 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.3	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 138.55 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tot Ion:	112	Resp:	1007884
Ion	Ratio	Lower	Upper
112	100		
64	50.0	42.2	63.2
63	26.1	21.8	32.8

Instrument :

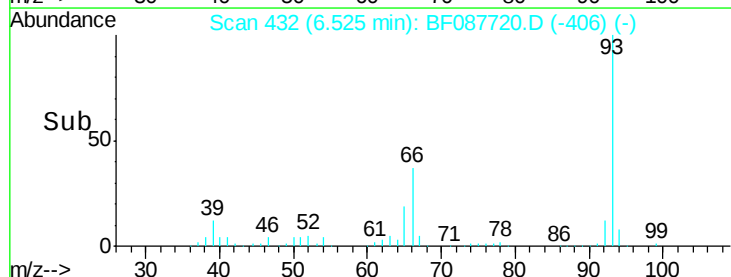
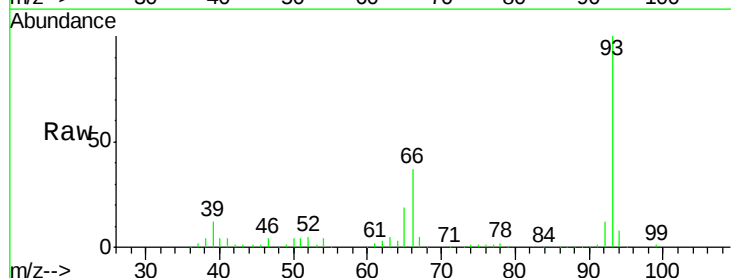
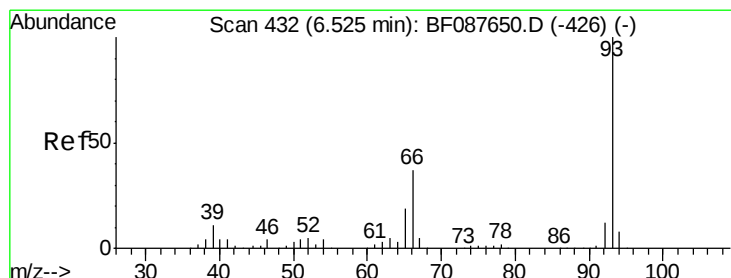
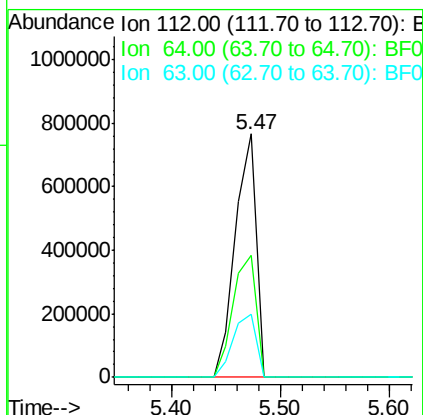
BNA_F

ClientSampleId :

SB-2MSD

Manual Integrations
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#6

Aniline

Concen: 28.21 ng

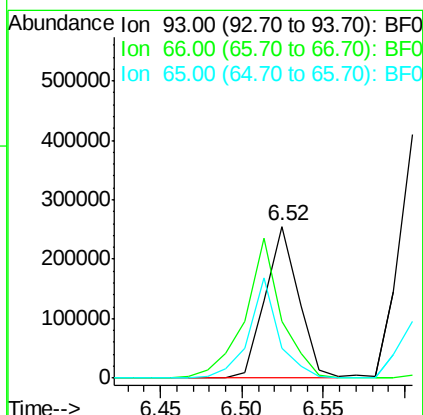
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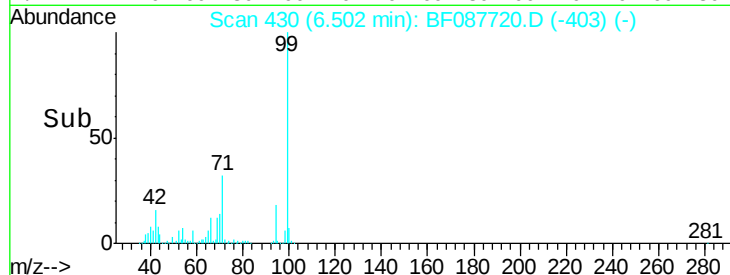
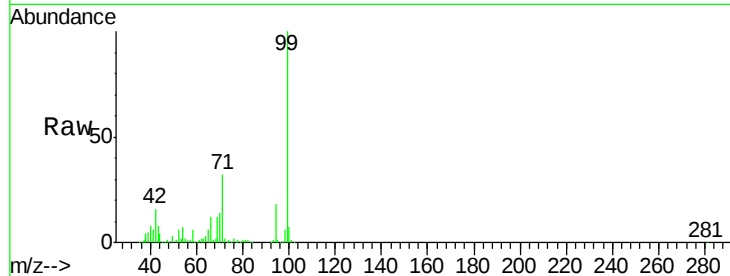
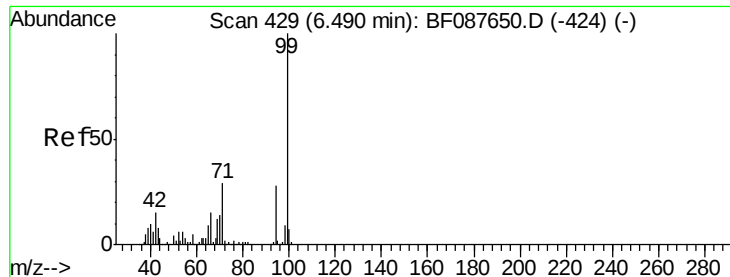
Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion:	93	Resp:	364813
Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.8	44.8
65	19.4	14.9	22.3





#7

Phenol-d6

Concen: 133.01 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tot Ion: 99 Resp: 1213494

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 32.4 23.4 35.0

Instrument :

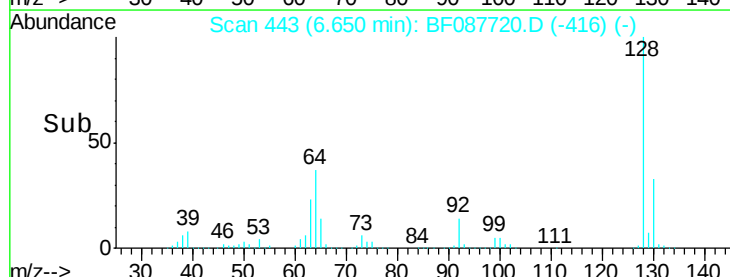
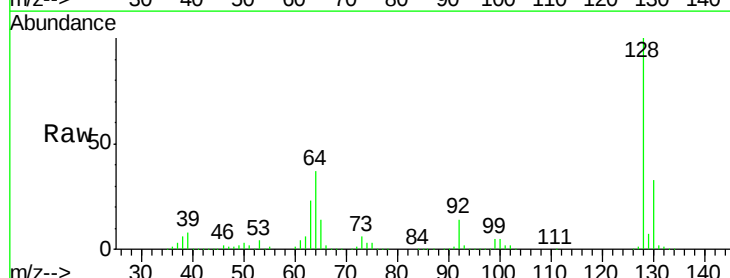
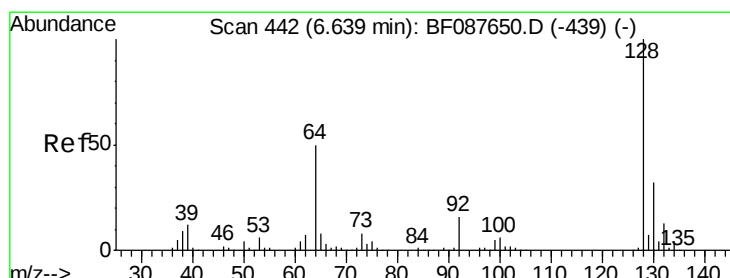
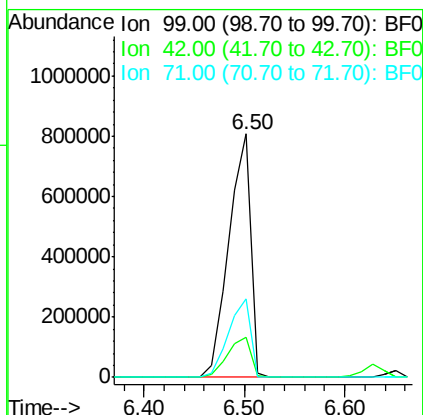
BNA_F

ClientSampled :

SB-2MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.03 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

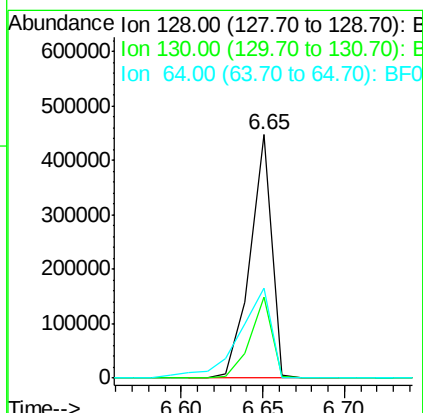
Tgt Ion:128 Resp: 410431

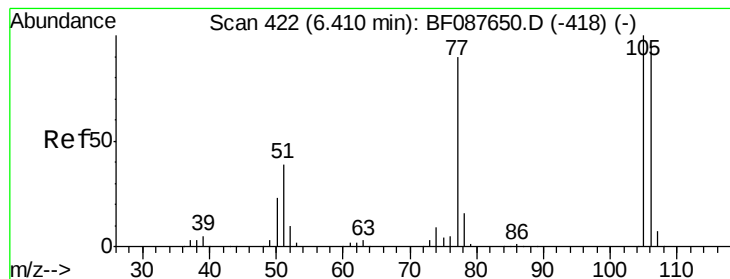
Ion Ratio Lower Upper

128 100

130 33.4 12.0 52.0

64 37.0 30.8 70.8





#9

Benzaldehyde

Concen: 4.27 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

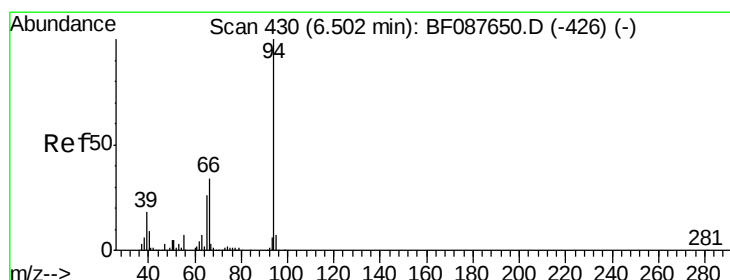
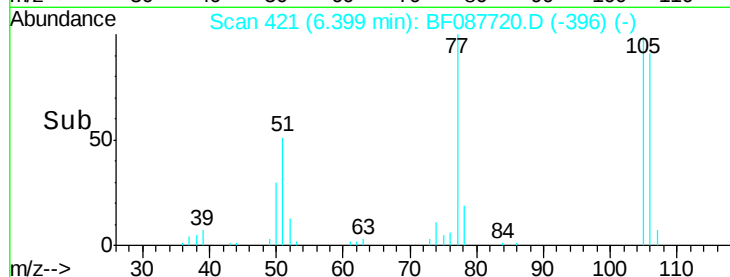
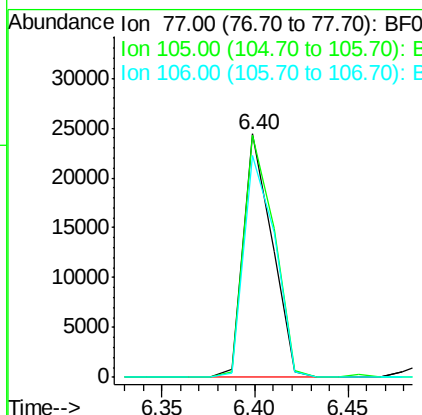
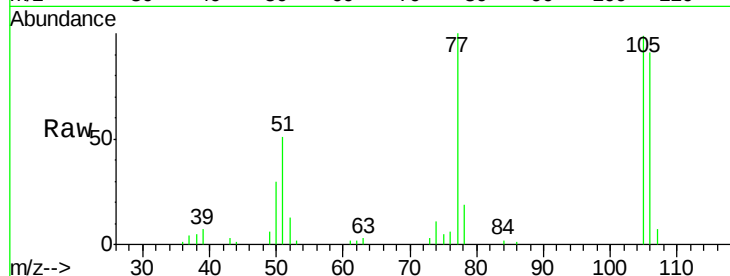
ClientSampleId :

SB-2MSD

Tot Ion:	77	Resp:	26342
Ion	Ratio	Lower	Upper
77	100		
105	99.4	90.6	130.6
106	91.1	85.3	125.3

Manual Integrations
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6/6/2016 7:25:07 PM



#10

Phenol

Concen: 52.37 ng

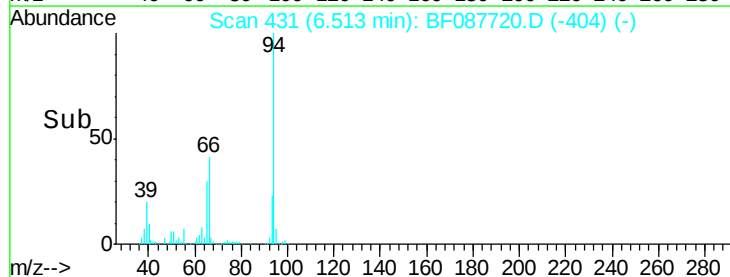
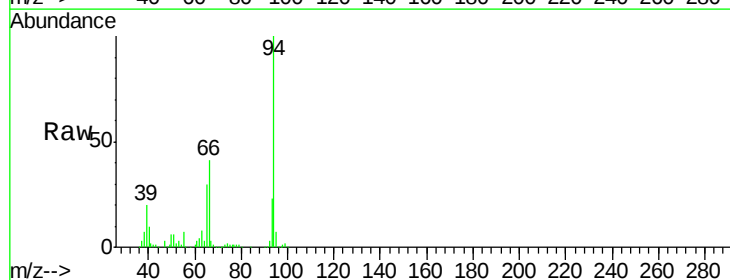
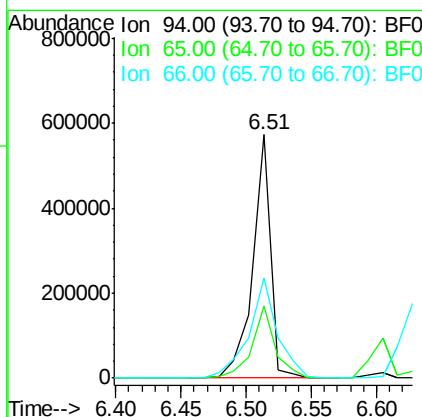
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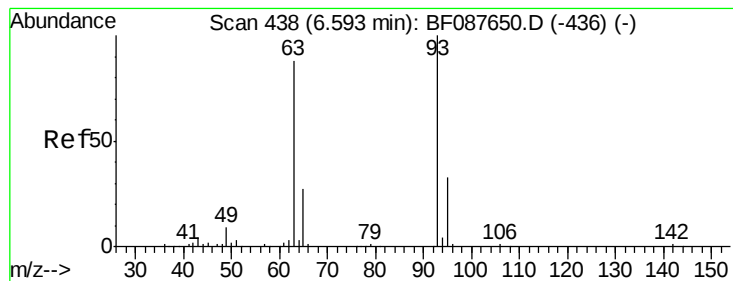
Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion:	94	Resp:	544011
Ion	Ratio	Lower	Upper
94	100		
65	29.6	5.9	45.9
66	41.0	14.0	54.0





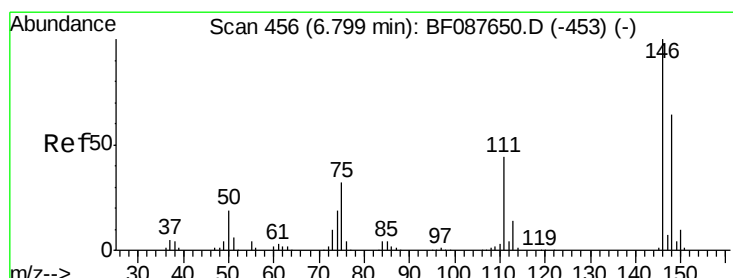
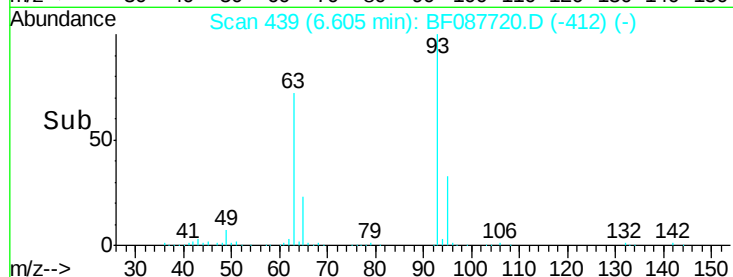
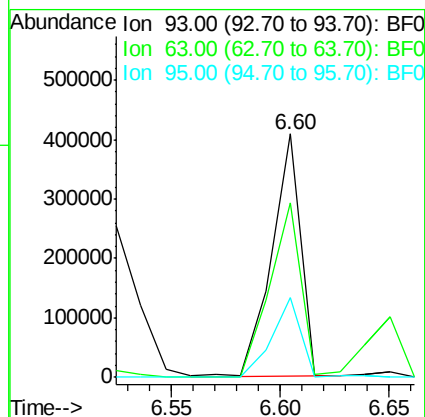
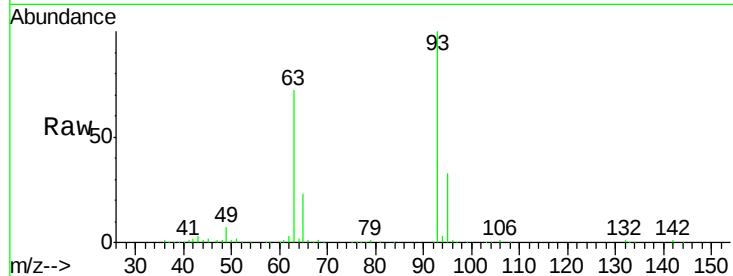
#11
bis(2-Chloroethyl)ether
Concen: 50.64 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	67.6	107.6
95	32.9	12.5	52.5

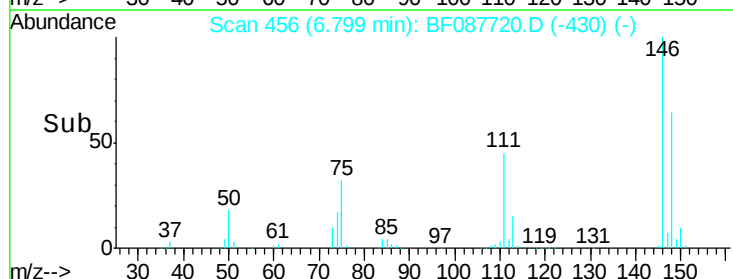
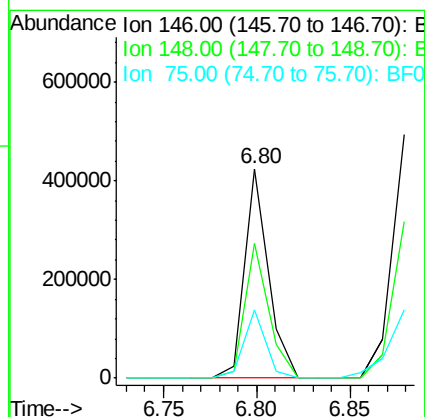
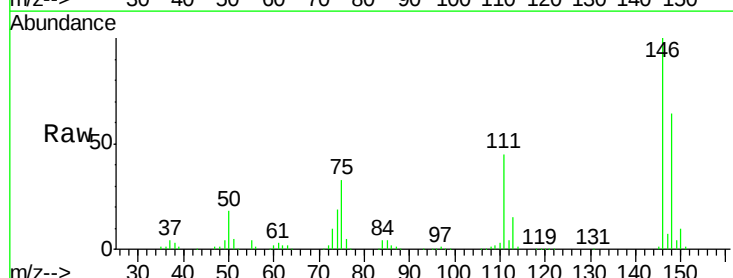
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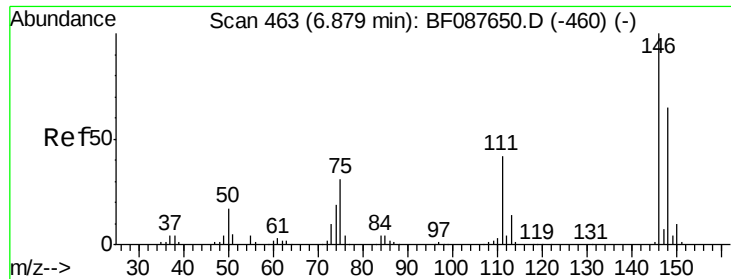
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#12
1,3-Dichlorobenzene
Concen: 42.06 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	32.5	25.6	38.4





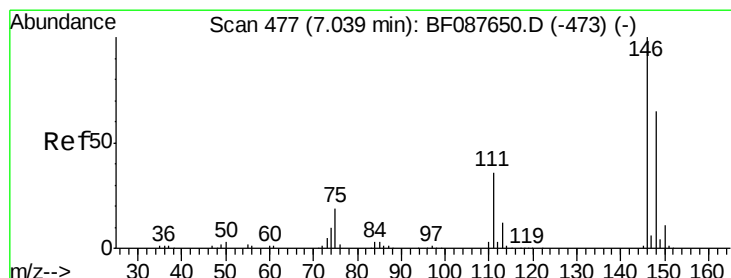
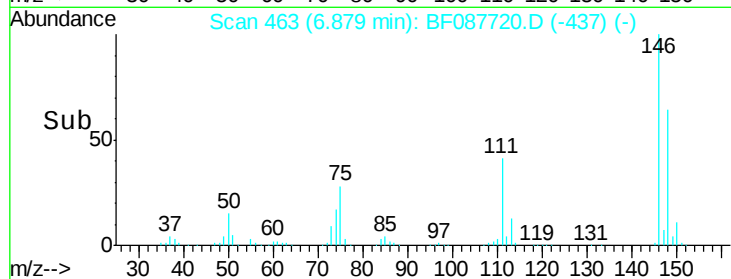
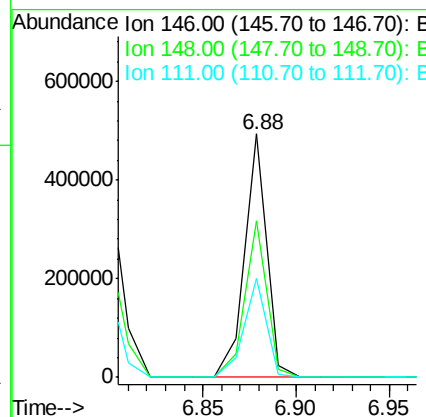
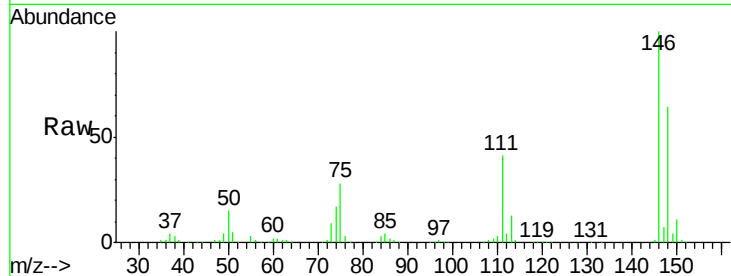
#13
 1,4-Dichlorobenzene
 Concen: 45.43 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	40.9	33.8	50.8

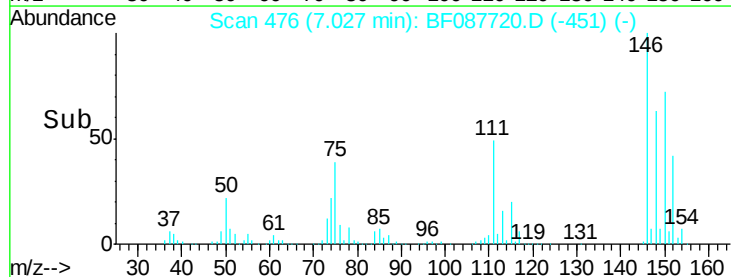
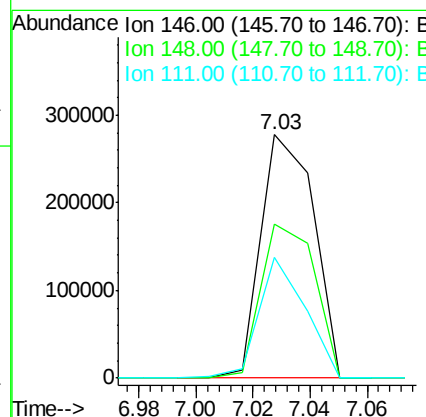
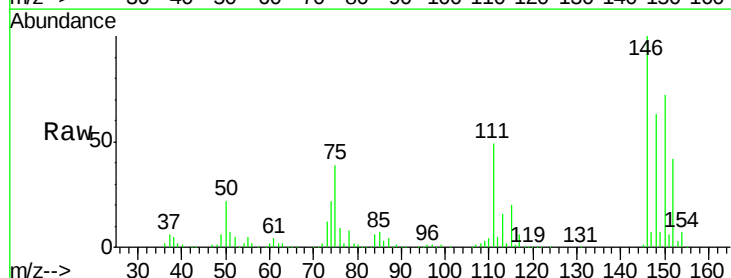
Manual Integrations
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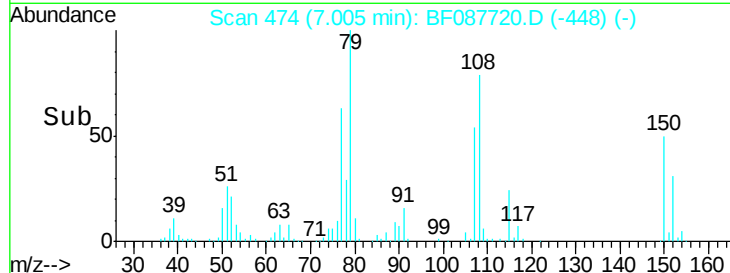
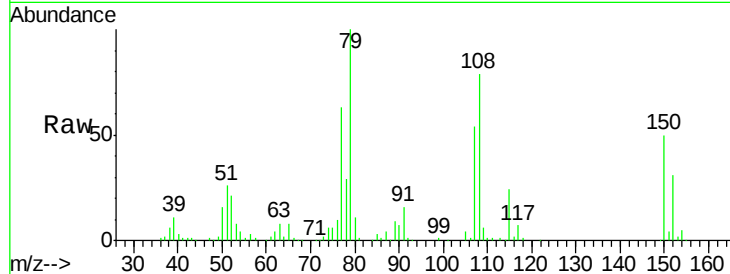
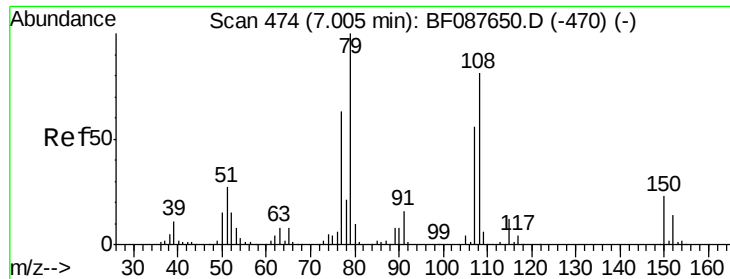
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#14
 1,2-Dichlorobenzene
 Concen: 42.54 ng m
 RT: 7.03 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.3	78.5
111	49.4	28.7	43.1#





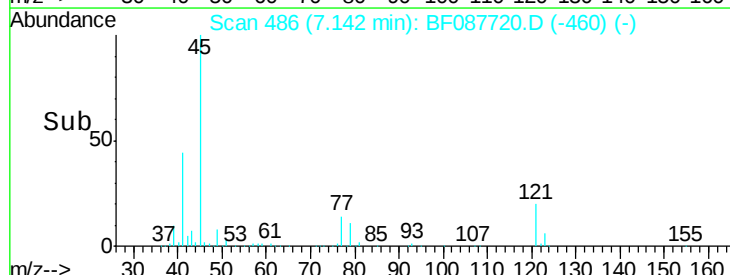
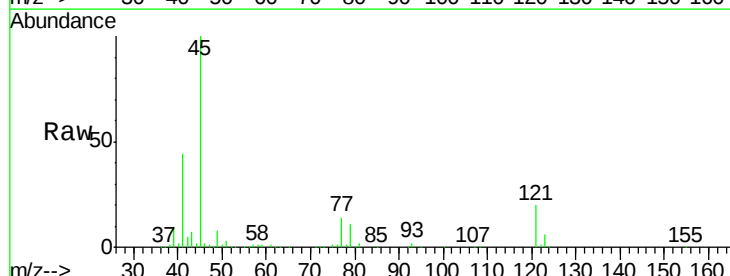
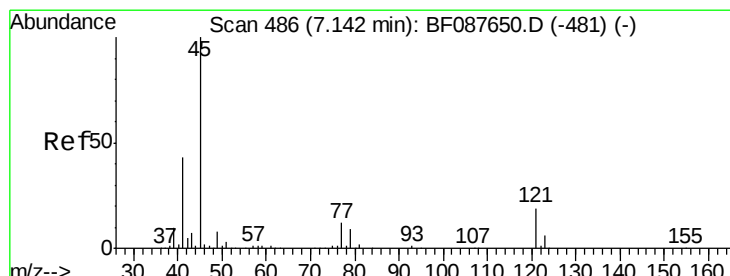
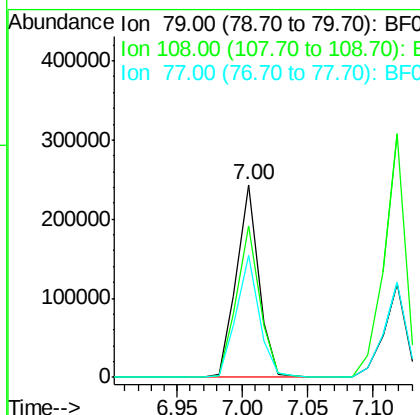
#15
Benzyl Alcohol
Concen: 43.56 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.0	97.6
77	63.3	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

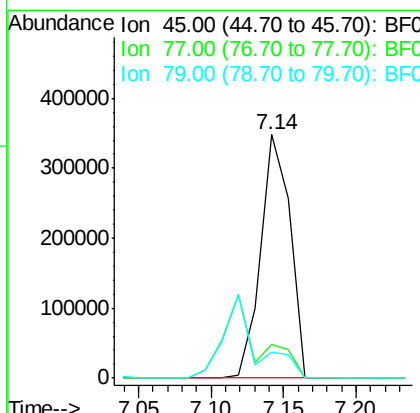
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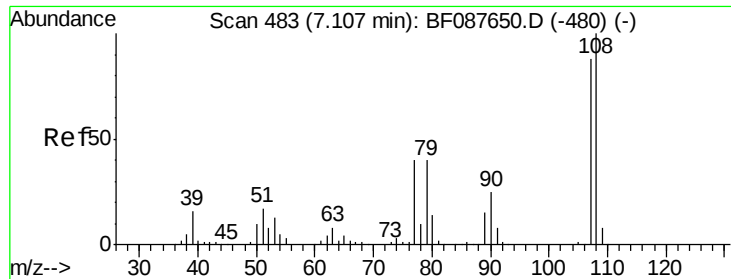
SOHIL
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.17 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.5
79	10.5	0.0	29.5





#17

2-Methylphenol

Concen: 46.25 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

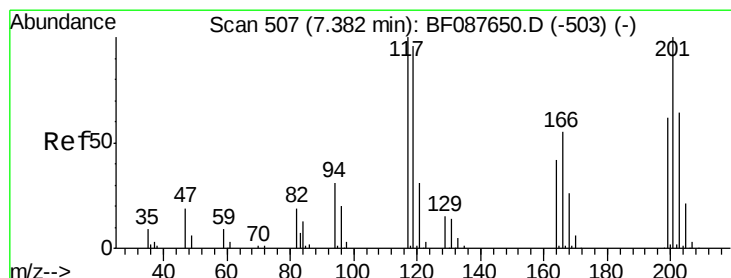
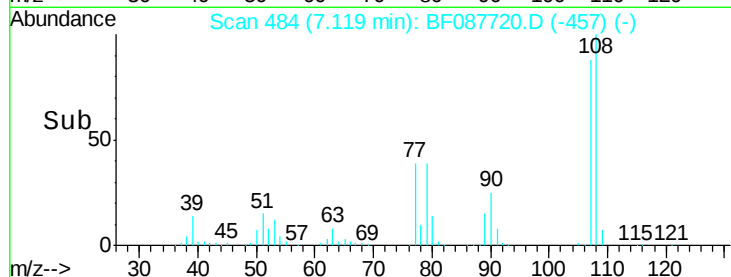
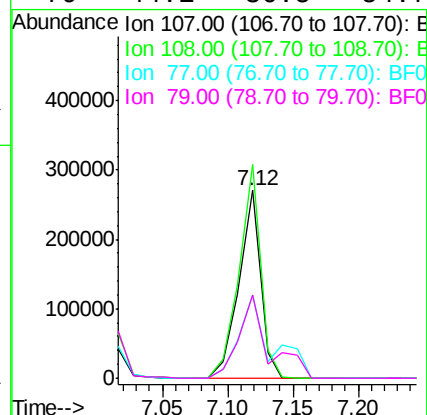
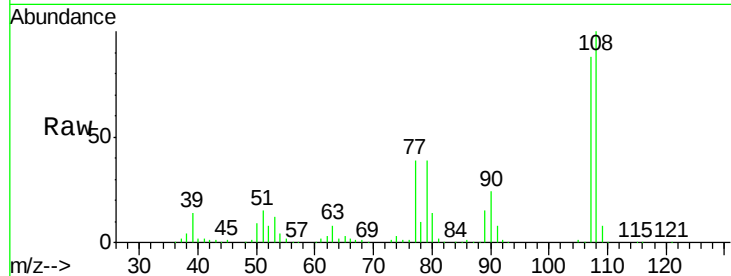
ClientSampleId :

SB-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		310875		
108	113.7	90.9	136.3		
77	44.3	36.6	55.0		
79	44.1	36.5	54.7		

Manual Integrations
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#18

Hexachloroethane

Concen: 44.95 ng

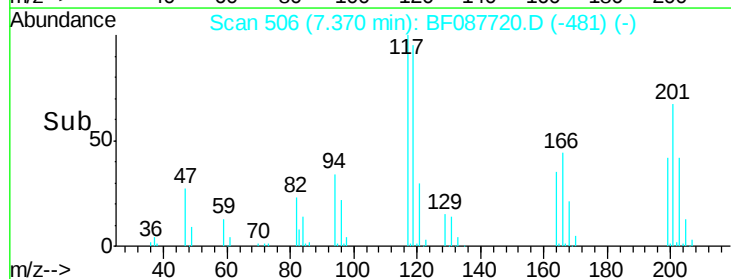
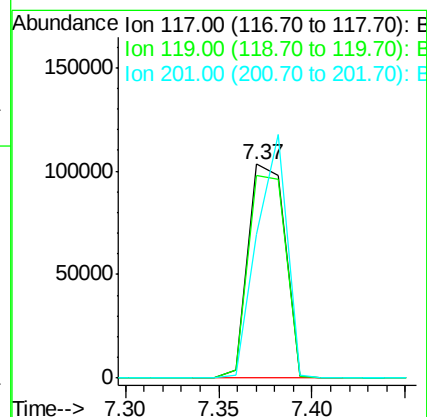
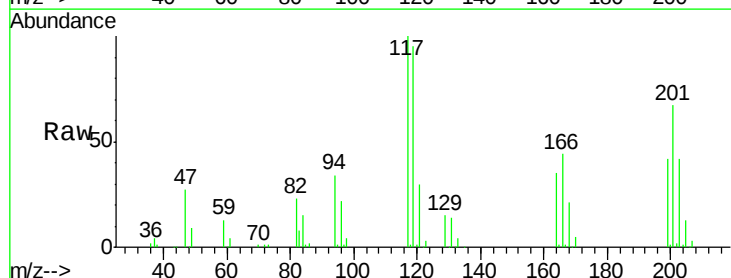
RT: 7.37 min Scan# 506

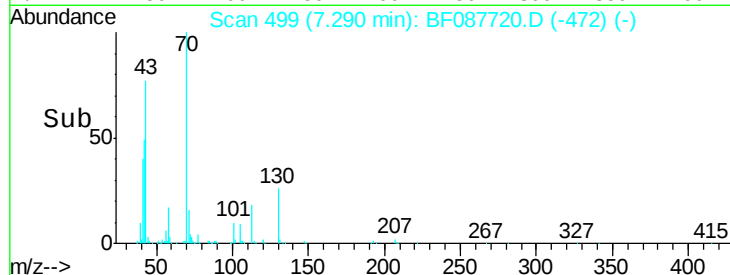
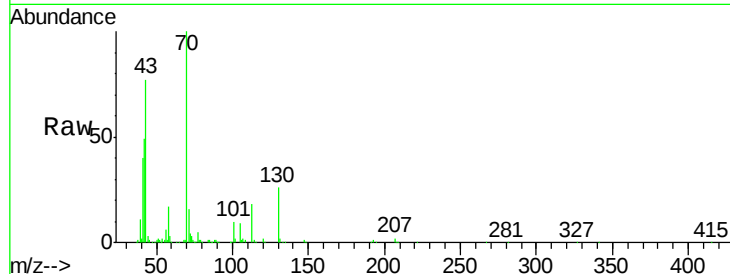
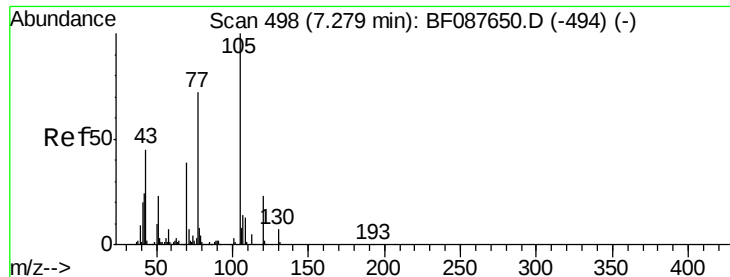
Delta R.T. -0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		141356		
119	94.7	77.4	116.2		
201	67.0	80.4	120.6		





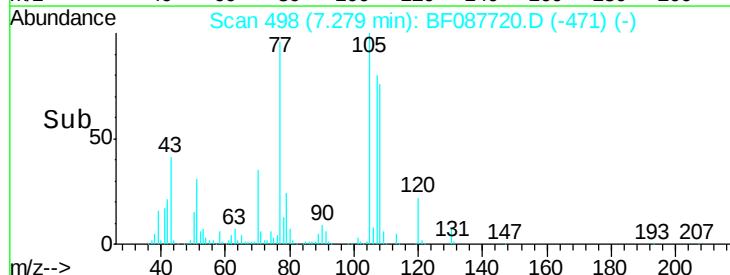
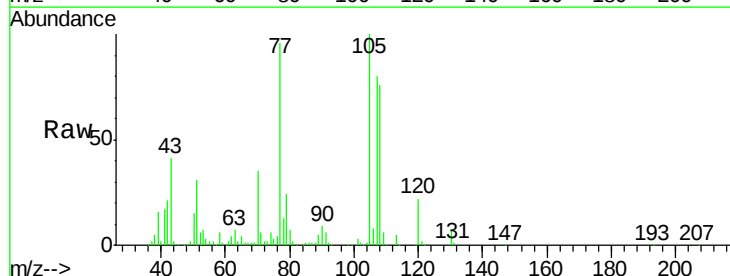
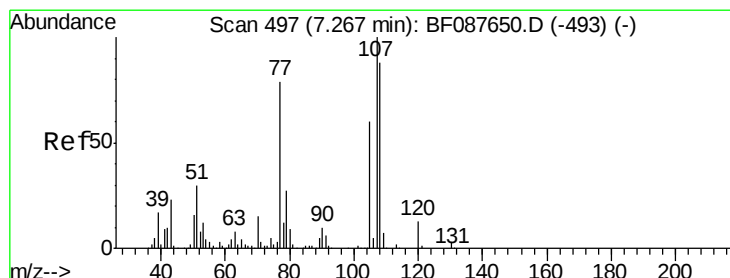
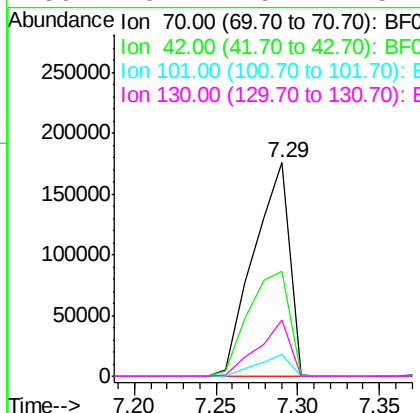
#19
n-Nitroso-di-n-propylamine
Concen: 47.01 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	70	Resp	267830
Ion Ratio	Lower	Upper	
70	100		
42	49.4	49.6	74.4#
101	10.4	7.1	10.7
130	26.4	15.4	23.2#

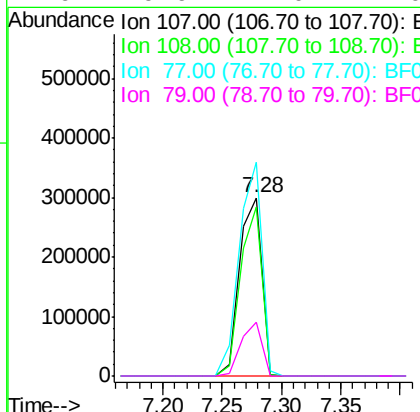
Manual Integrations
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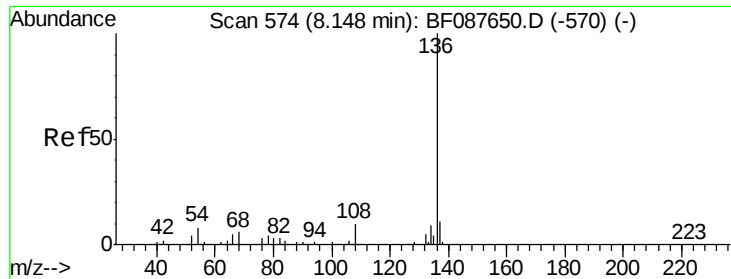
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#20
3+4-Methylphenols
Concen: 47.87 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	107	Resp	394245
Ion Ratio	Lower	Upper	
107	100		
108	95.1	67.8	107.8
77	120.1	59.3	99.3#
79	29.9	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

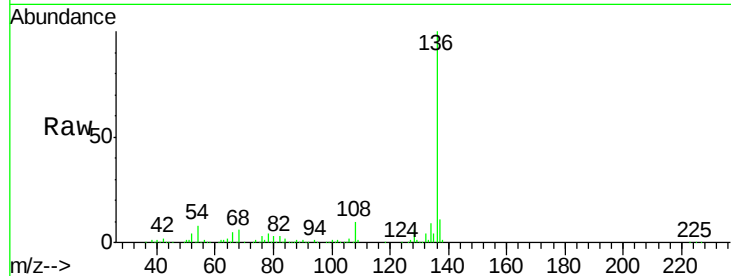
ClientSampleId :

SB-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		486308		
137	11.1		9.1	13.7	
54	7.8		6.6	10.0	
68	6.1		5.1	7.7	

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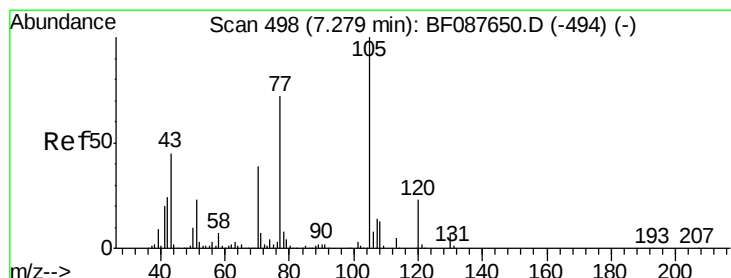
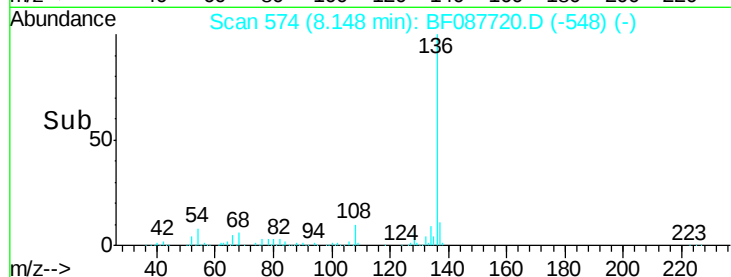
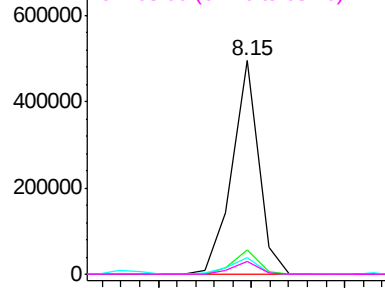


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.07 ng

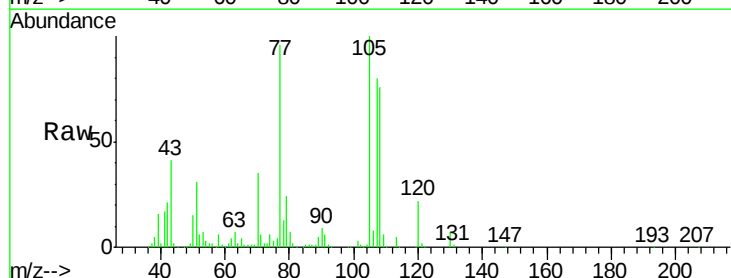
RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		485395		
71	5.8		5.3	7.9	
51	31.4		18.2	27.4	
120	21.7		18.0	27.0	

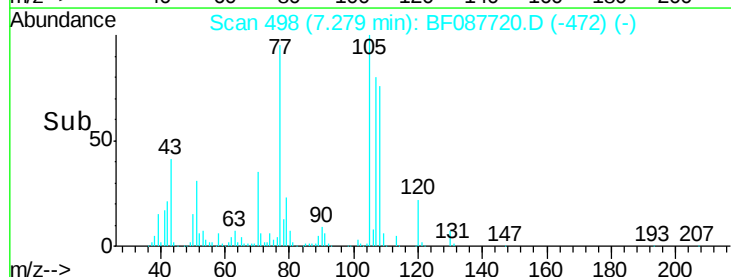
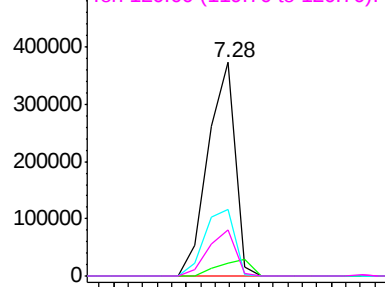


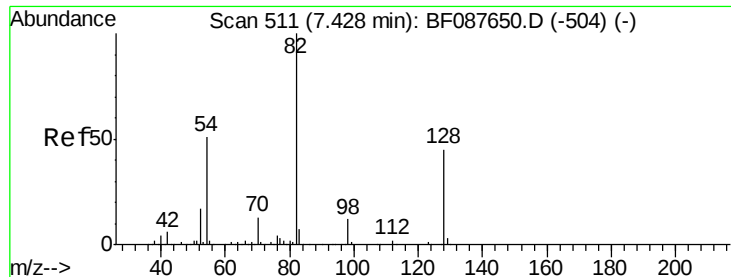
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





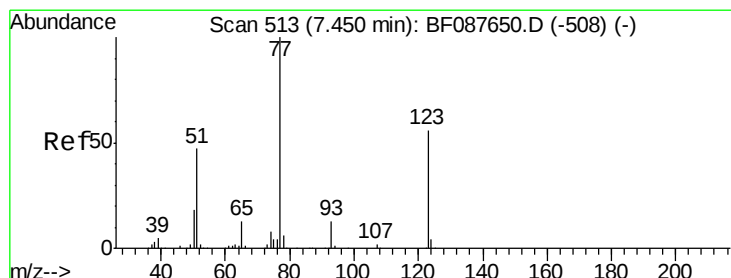
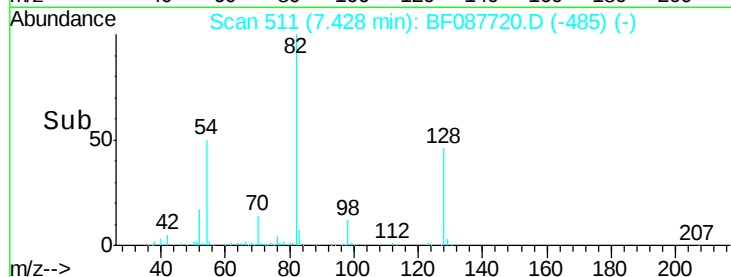
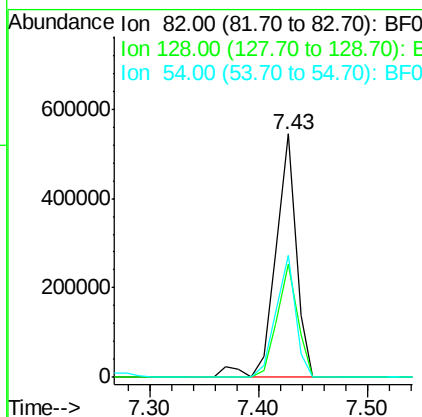
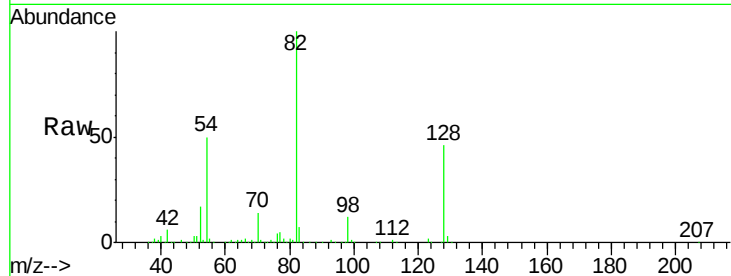
#23
 Nitrobenzene-d5
 Concen: 85.44 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	718139		
128	46.4	35.9	53.9	
54	50.2	40.9	61.3	

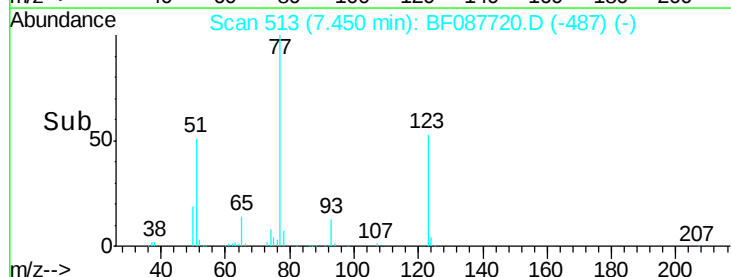
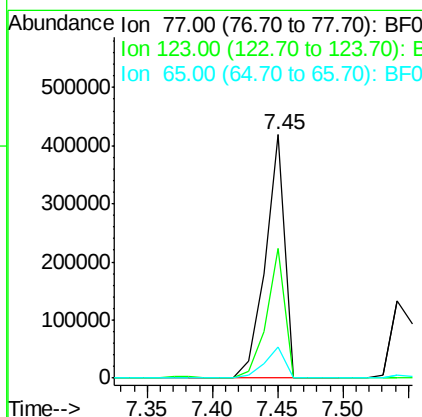
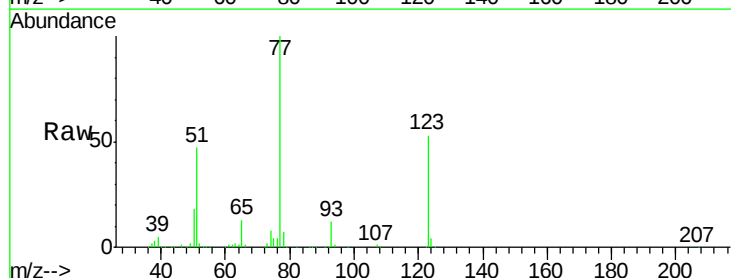
Manual Integrations
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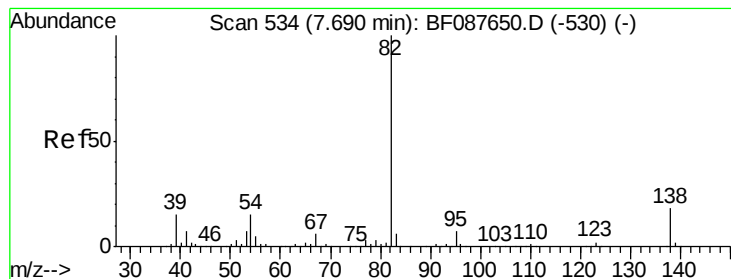
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#24
 Nitrobenzene
 Concen: 51.51 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	433304		
123	53.3	45.0	67.4	
65	13.0	10.2	15.2	





#25

Isophorone

Concen: 46.68 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

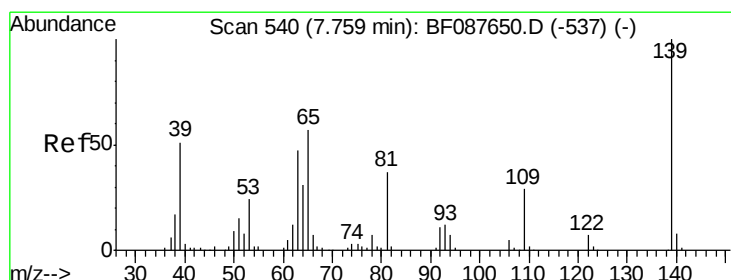
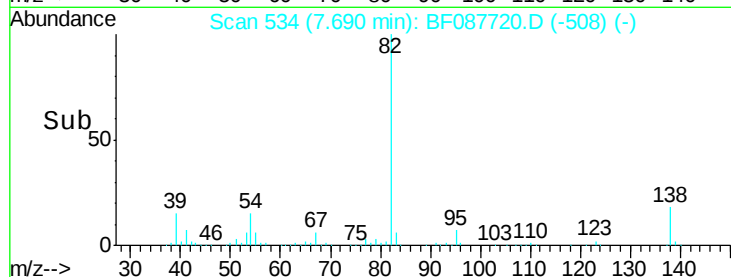
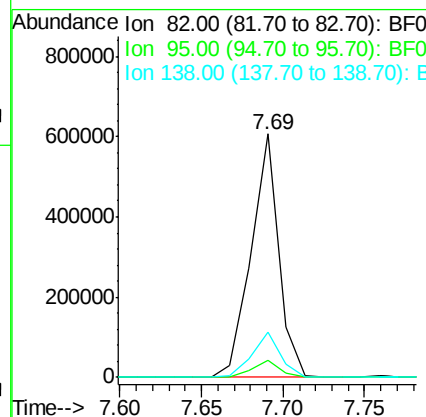
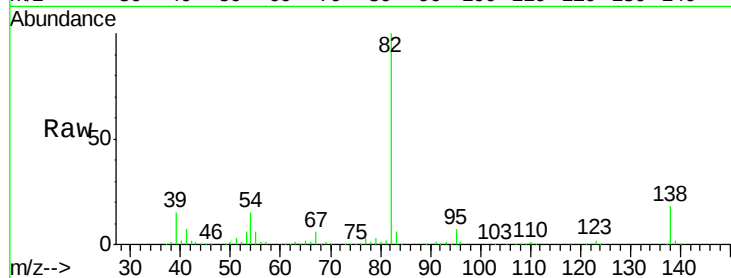
ClientSampleId :

SB-2MSD

Tot Ion:	82	Resp:	714348
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.4	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.01 ng

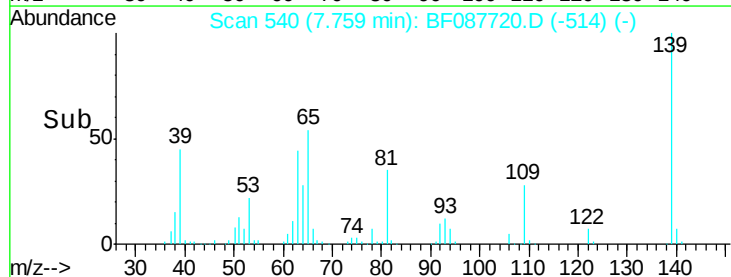
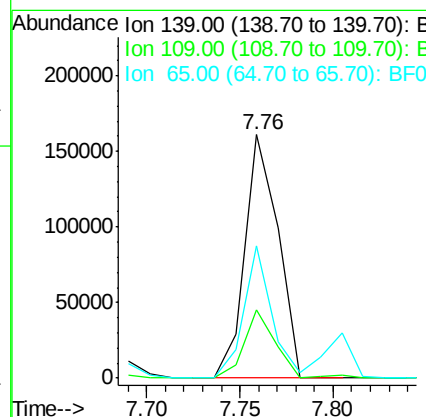
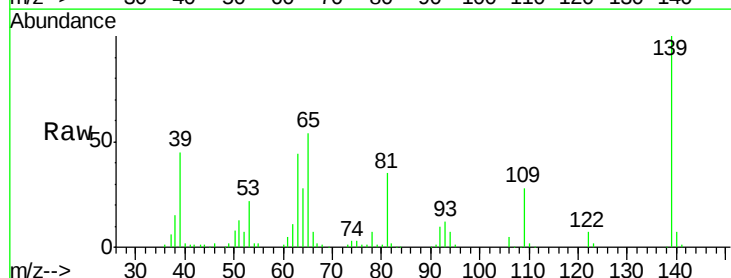
RT: 7.76 min Scan# 540

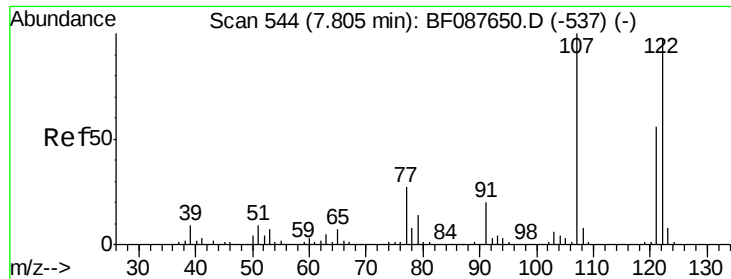
Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion:	139	Resp:	199402
Ion Ratio	Lower	Upper	
139	100		
109	28.1	23.0	34.4
65	54.1	45.8	68.8





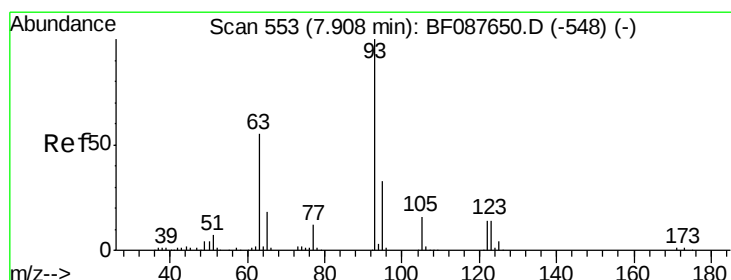
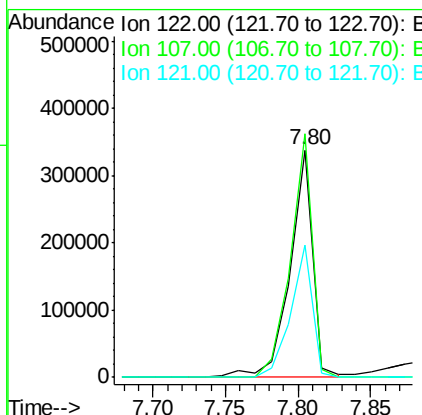
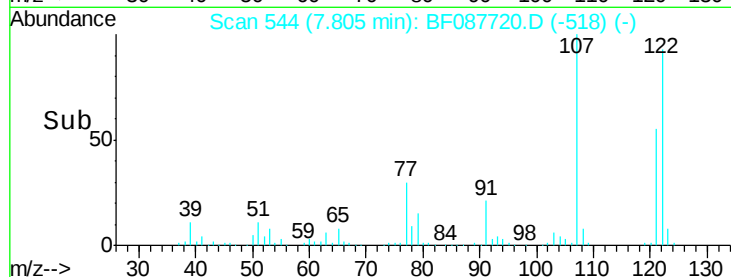
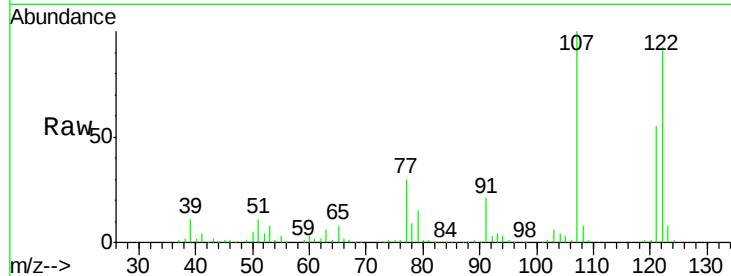
#27
 2,4-Dimethylphenol
 Concen: 45.12 ng
 RT: 7.80 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	365511		
107	107.3	82.4	123.6	
121	58.5	46.3	69.5	

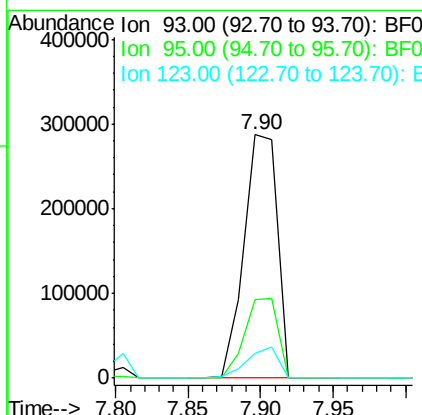
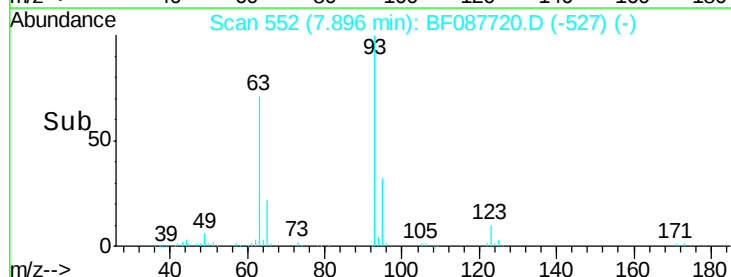
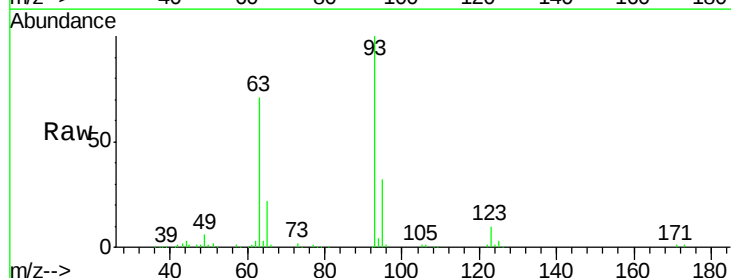
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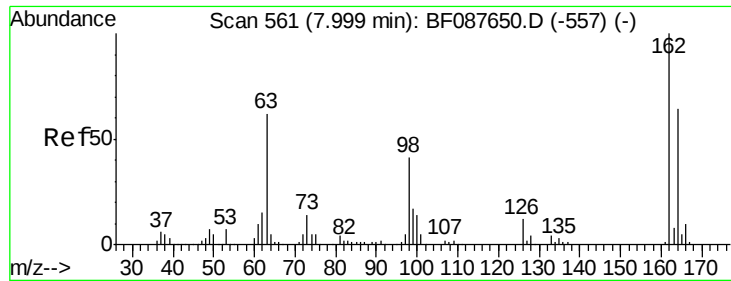
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.98 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	456058		
95	32.3	26.5	39.7	
123	10.3	11.6	17.4	





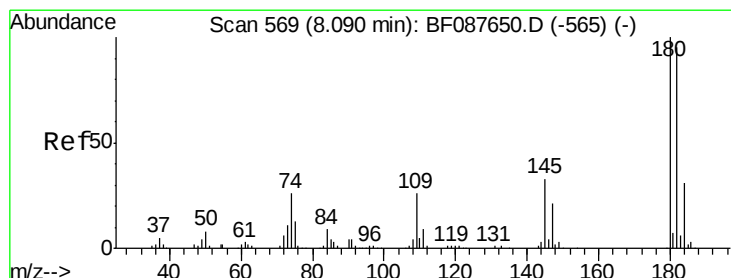
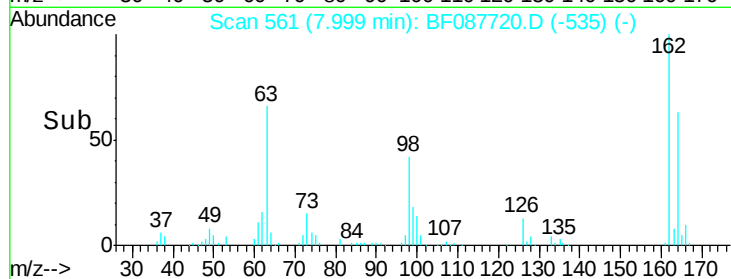
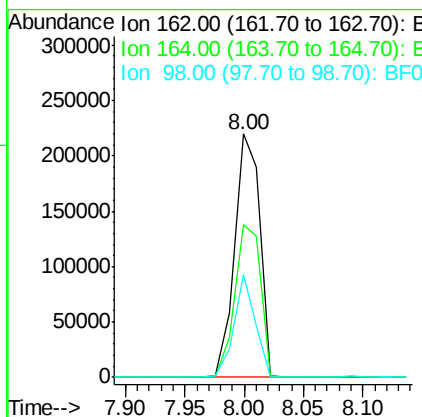
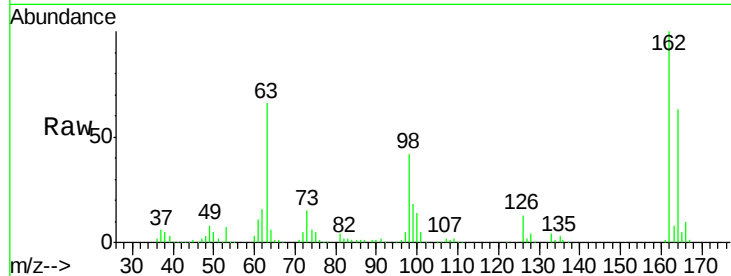
#29
 2,4-Dichlorophenol
 Concen: 48.66 ng
 RT: 8.00 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.8	43.8	83.8
98	42.4	21.3	61.3

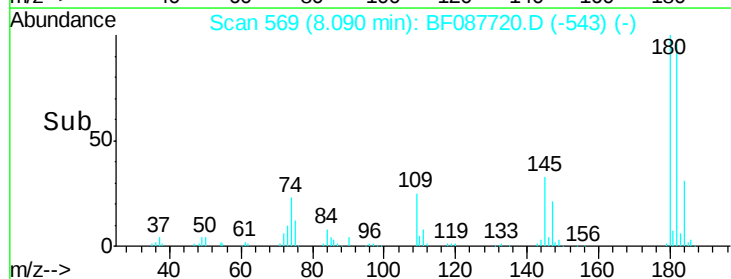
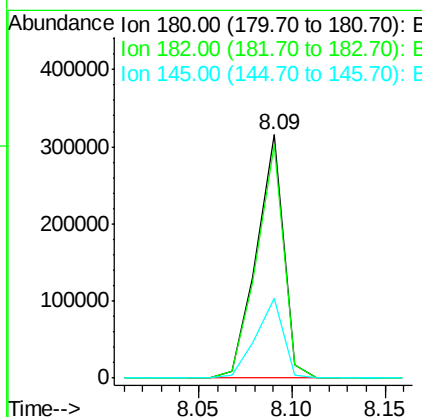
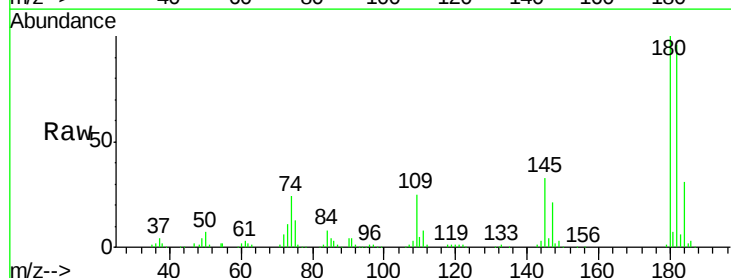
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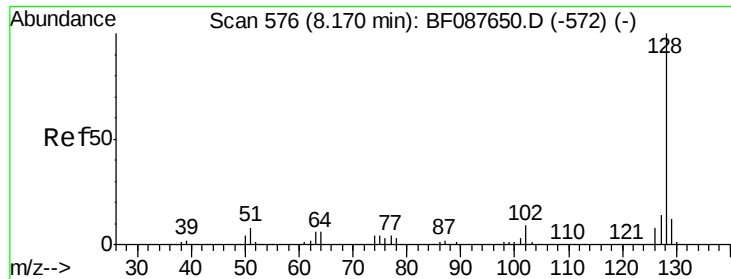
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.62 ng
 RT: 8.09 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	76.0	114.0
145	32.8	26.5	39.7





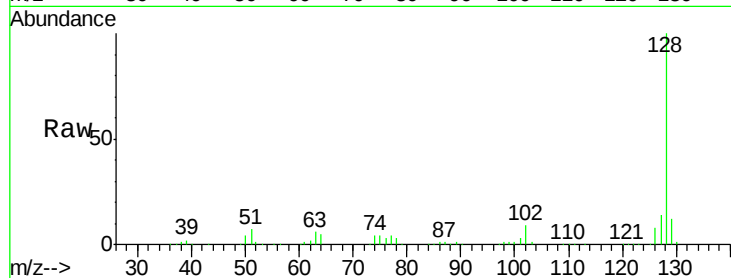
#31
Naphthalene
Concen: 46.70 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

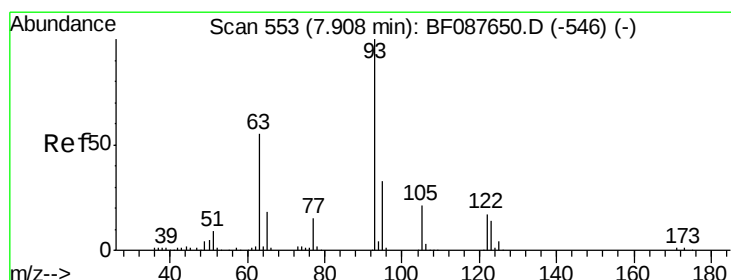
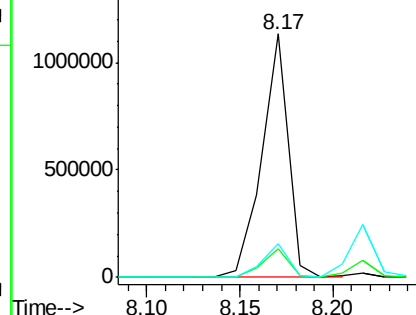
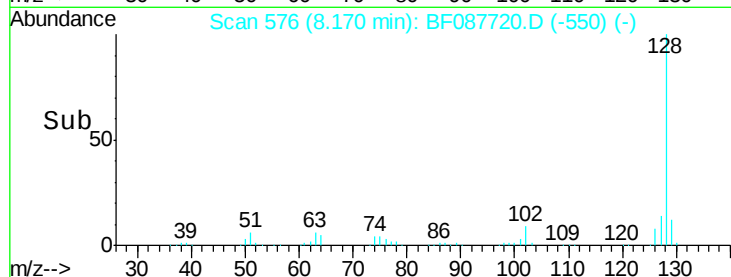
Tot Ion:128 Resp: 1104097
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.7 10.9 16.3

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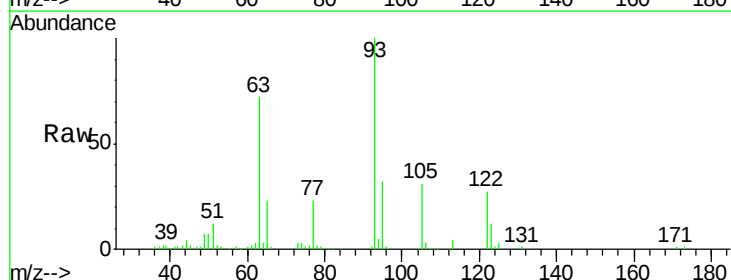


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

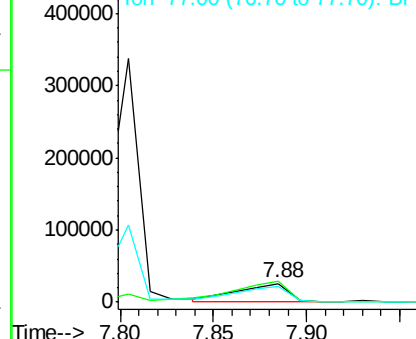
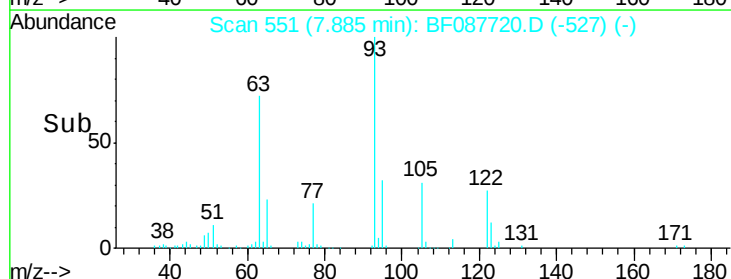


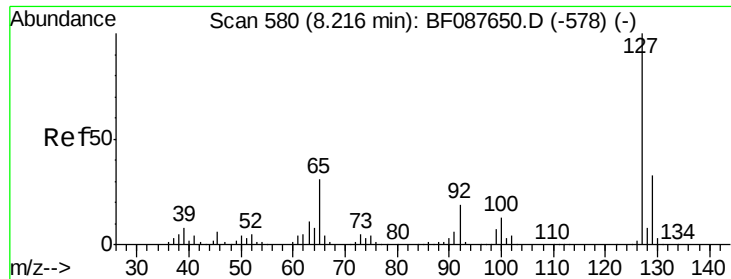
#32
Benzoic acid
Concen: 9.31 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion:122 Resp: 45498
Ion Ratio Lower Upper
122 100
105 113.5 101.6 141.6
77 82.6 70.6 110.6



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





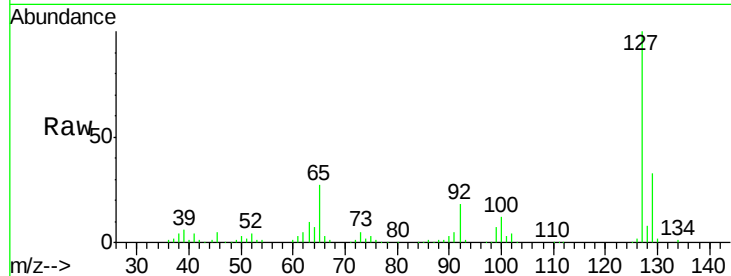
#33
4-Chloroaniline
Concen: 23.13 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

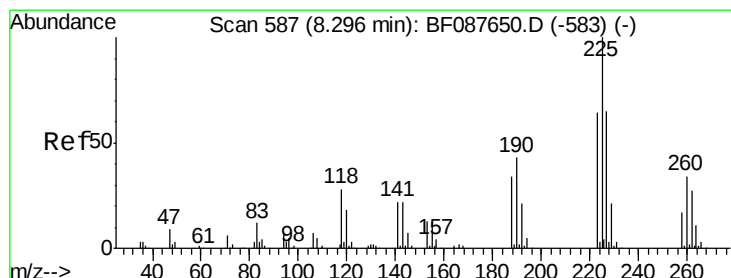
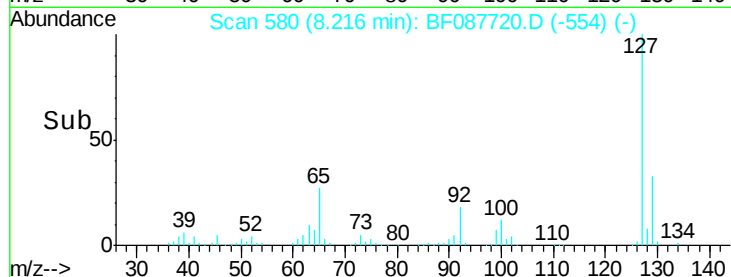
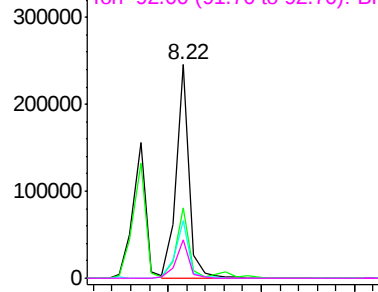
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.3	39.5		
65	27.1	24.7	37.1		
92	17.7	15.4	23.0		

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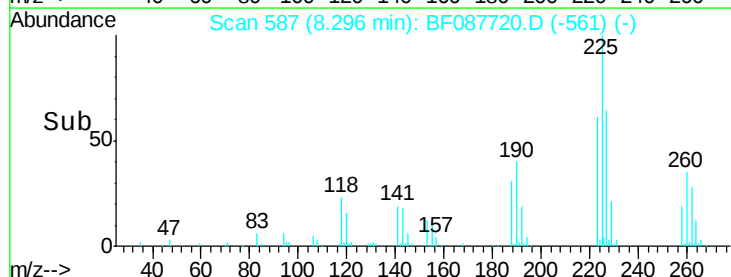
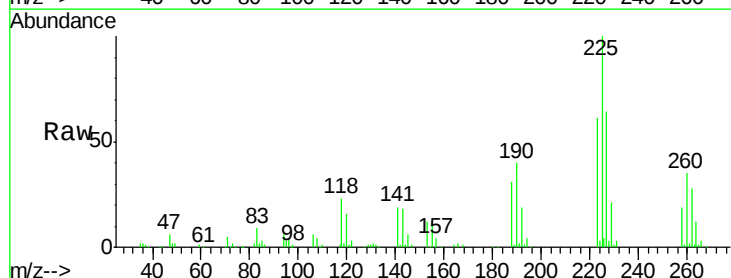
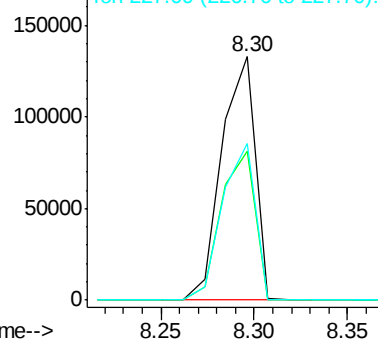
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

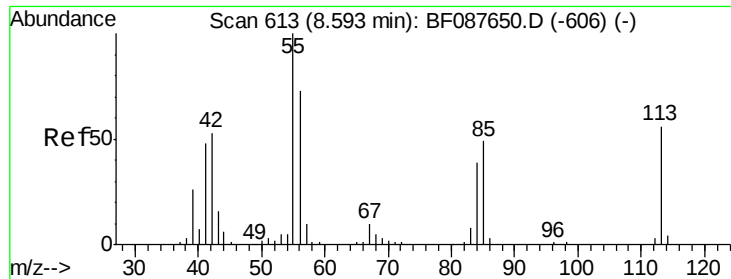


#34
Hexachlorobutadiene
Concen: 46.26 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	50.9	76.3		
227	64.3	51.9	77.9		

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





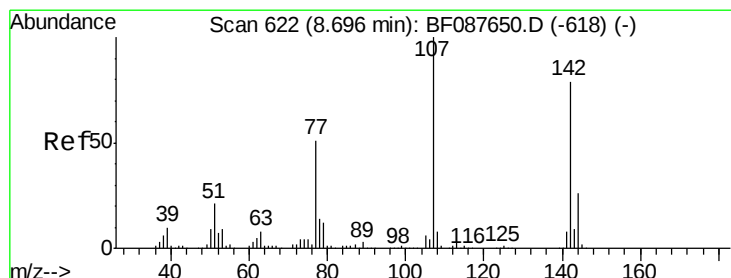
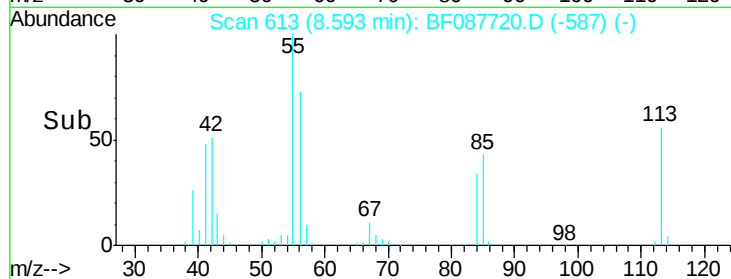
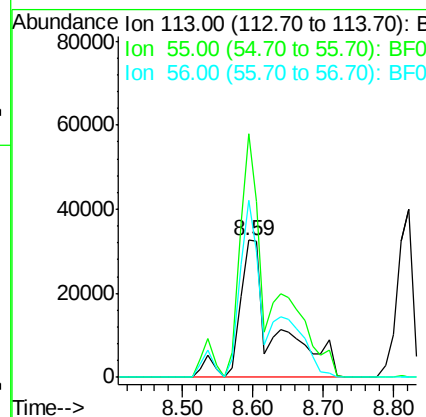
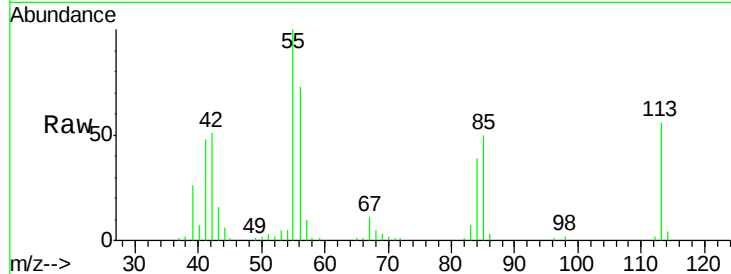
#35
 Caprolactam
 Concen: 53.22 ng/ml
 RT: 8.59 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleID :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.8	158.6	198.6
56	129.0	110.6	150.6

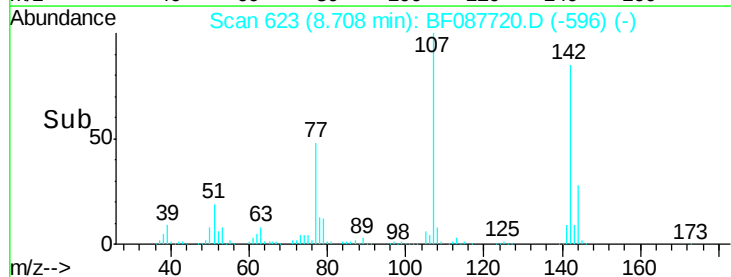
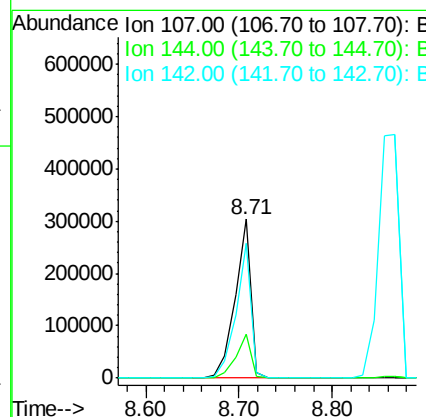
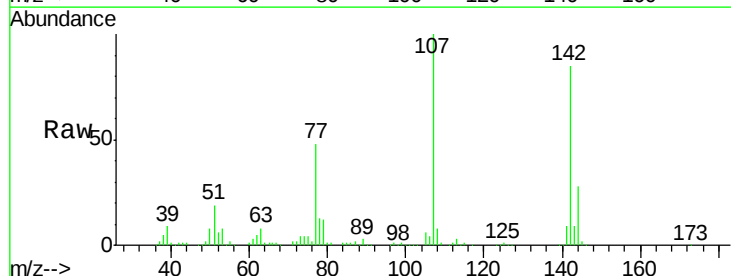
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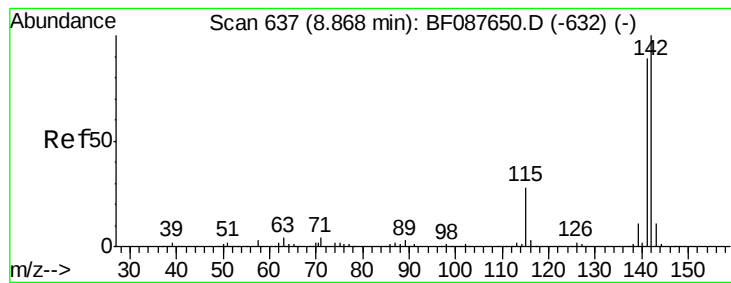
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#36
 4-Chloro-3-methylphenol
 Concen: 52.28 ng/ml
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.8	31.2
142	85.1	63.4	95.2





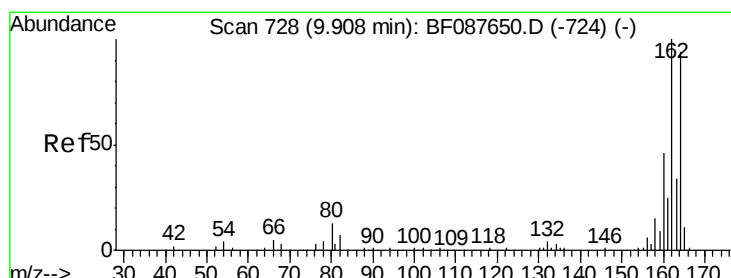
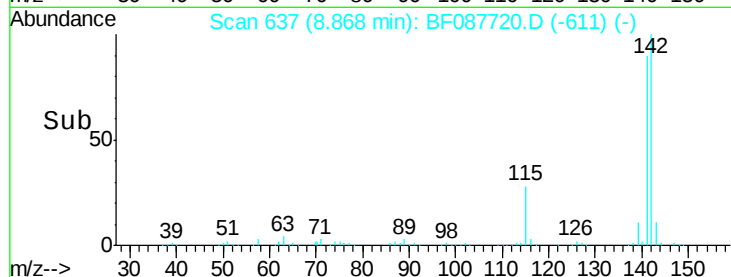
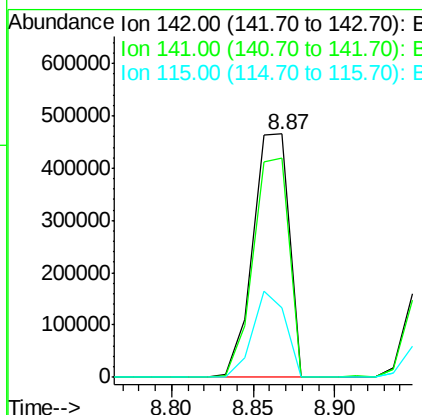
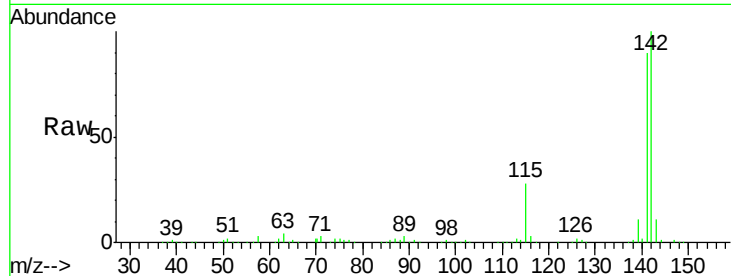
#37
 2-Methylnaphthalene
 Concen: 46.03 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	28.4	22.6	33.8

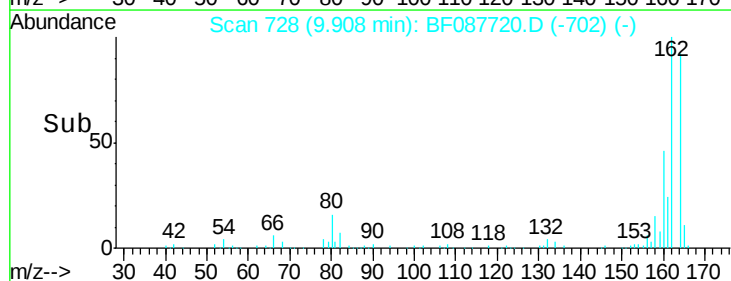
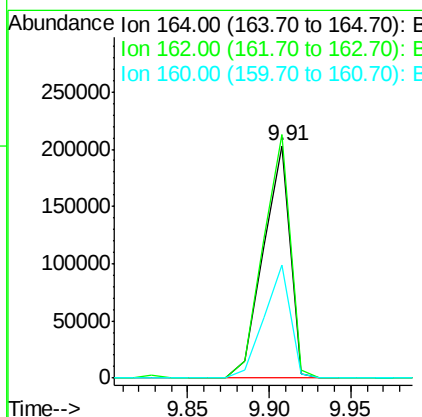
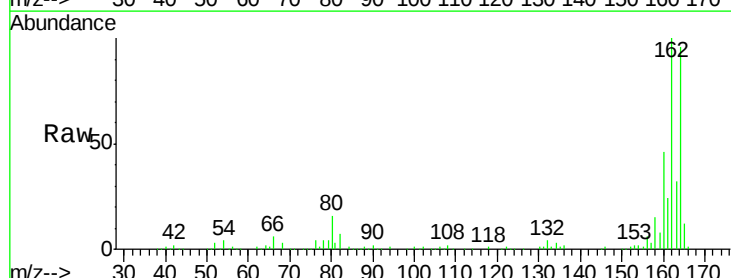
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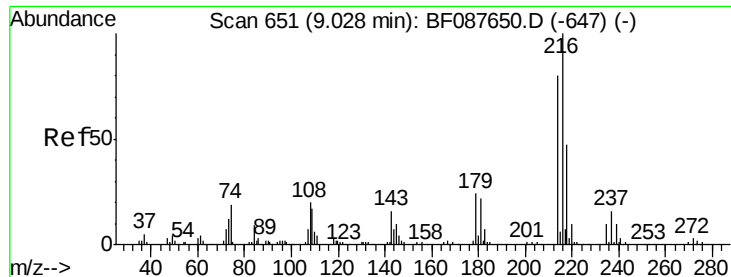
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.2
160	48.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.52 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:216 Resp: 278076
Ion Ratio Lower Upper

216 100

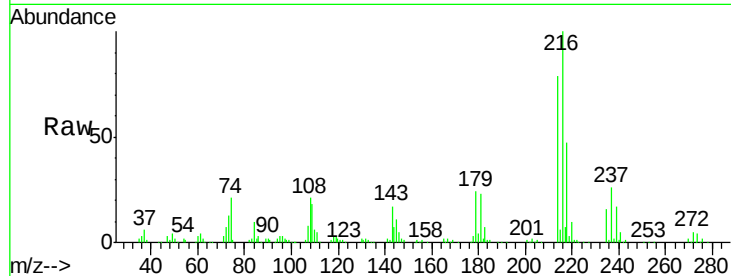
214 78.5 2.9 4.3#

179 23.0 0.0 0.0#

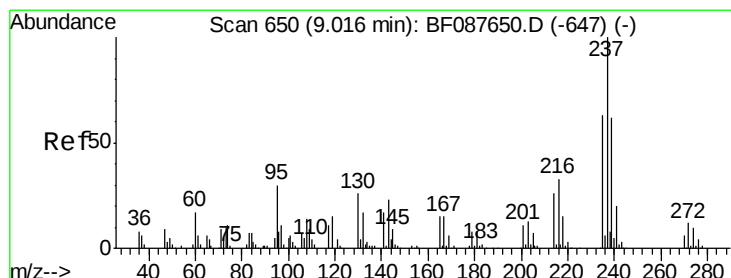
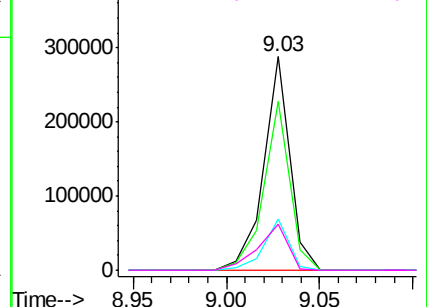
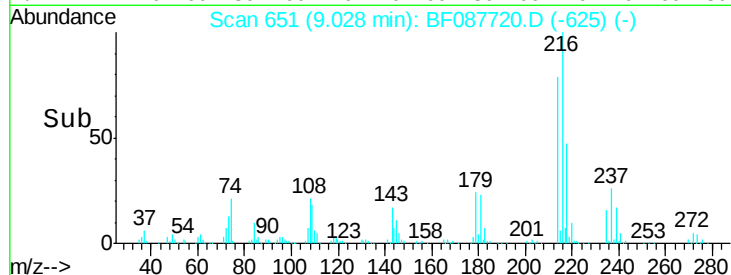
108 24.4 0.5 0.7#

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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: 76.05 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF087720.D

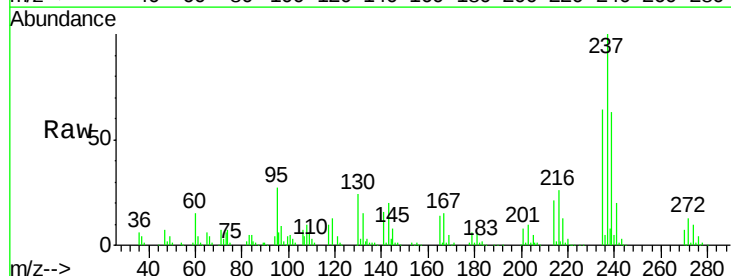
Acq: 5 Jun 2016 21:22

Tgt Ion:237 Resp: 285791
Ion Ratio Lower Upper

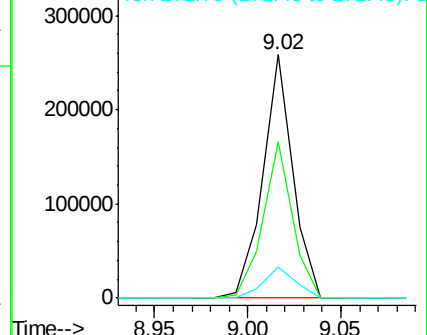
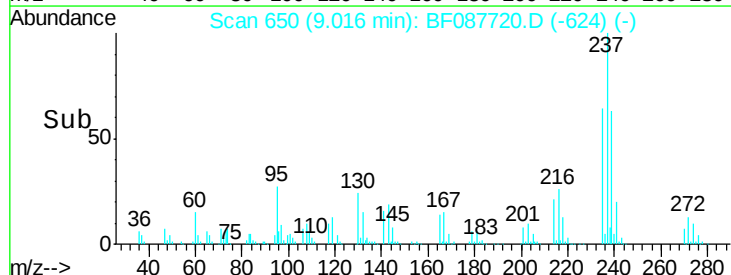
237 100

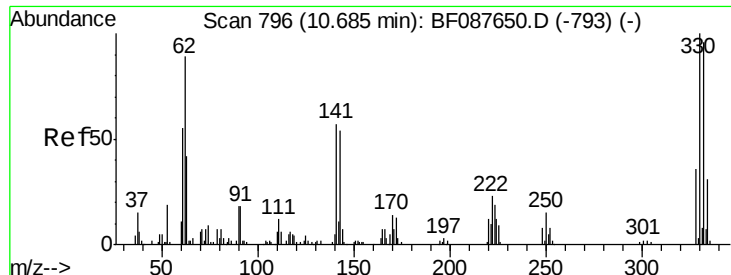
235 64.1 43.4 83.4

272 12.9 0.0 32.3



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





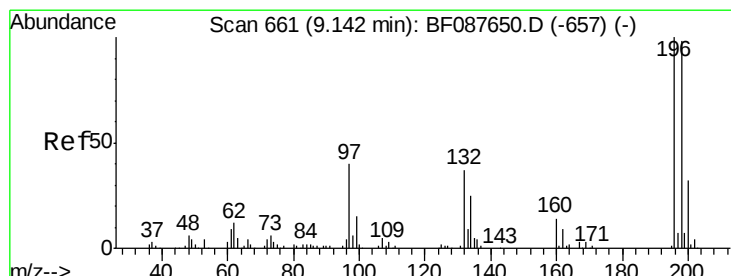
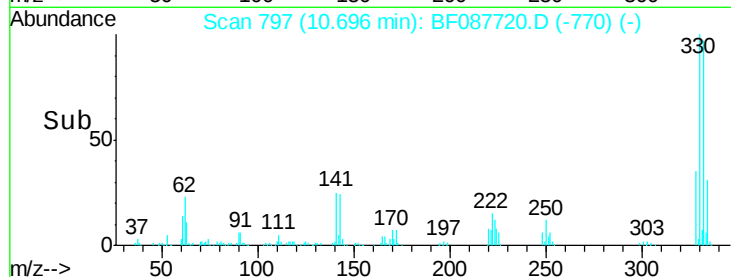
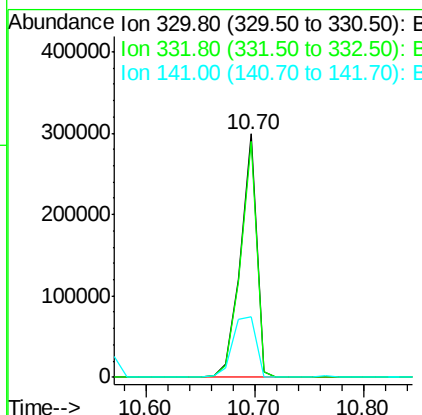
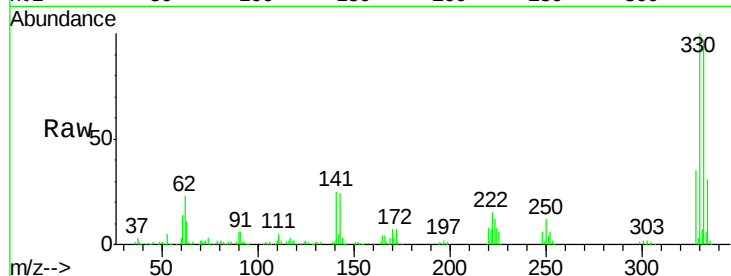
#41
 2,4,6-Tribromophenol
 Concen: 131.29 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.1	0.0	0.0#
141	36.0	0.0	0.0#

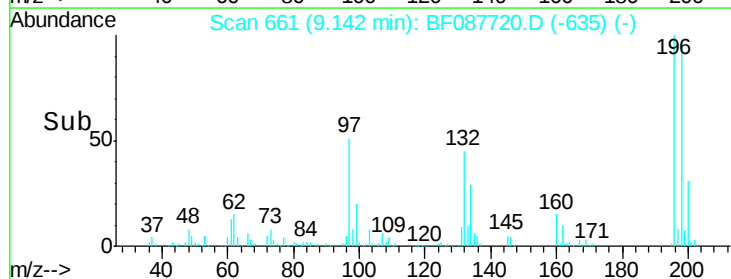
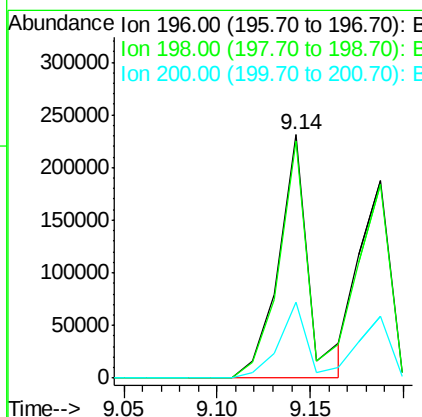
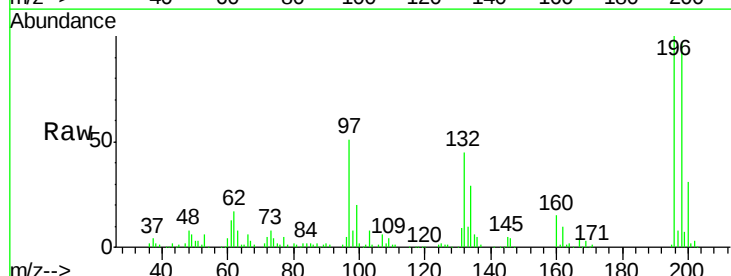
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#42
 2,4,6-Trichlorophenol
 Concen: 53.47 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	97.4	78.0	117.0
200	30.9	25.4	38.2





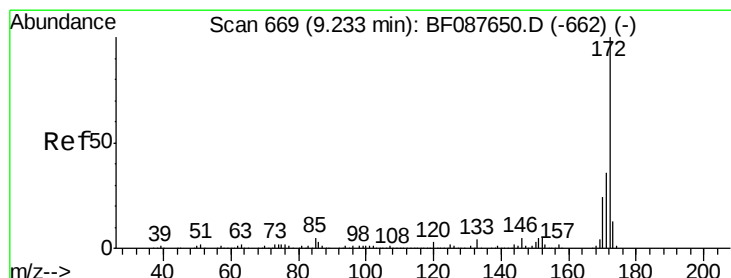
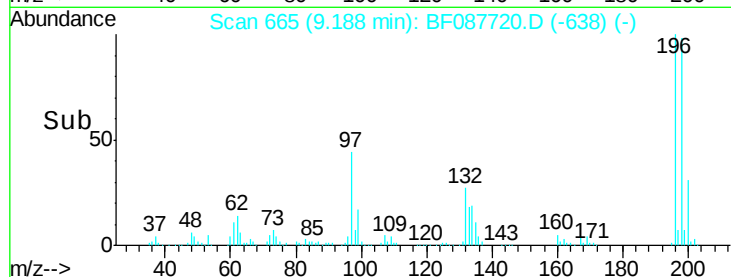
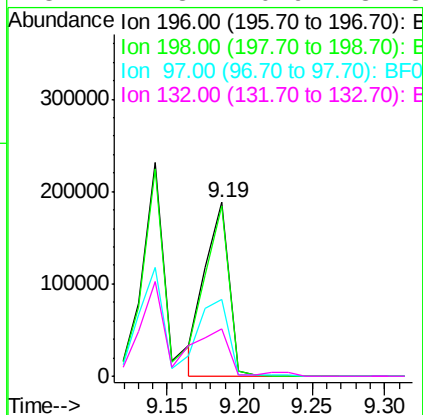
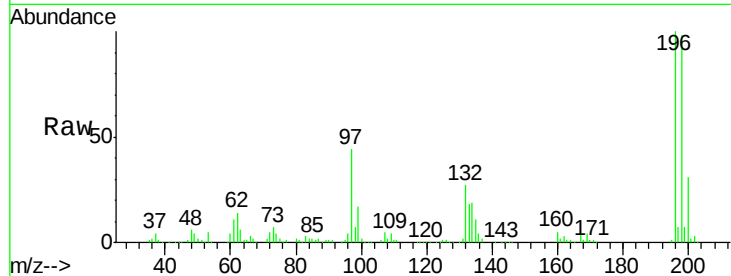
#43
 2,4,5-Trichlorophenol
 Concen: 47.74 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion:	196	Resp:	214369
Ion Ratio	Lower	Upper	
196	100		
198	97.8	77.5	116.3
97	44.4	32.0	48.0
132	27.3	20.9	31.3

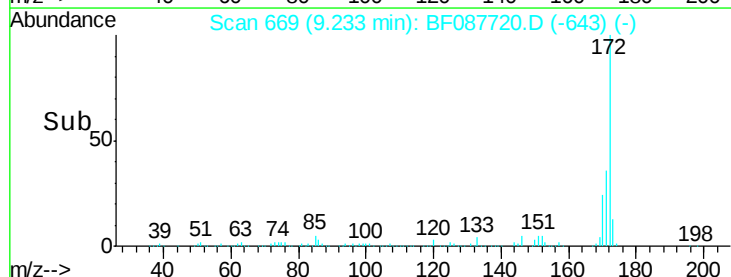
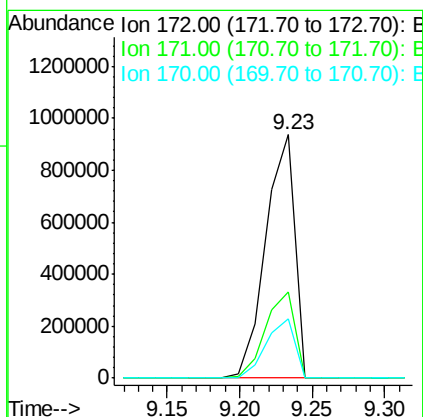
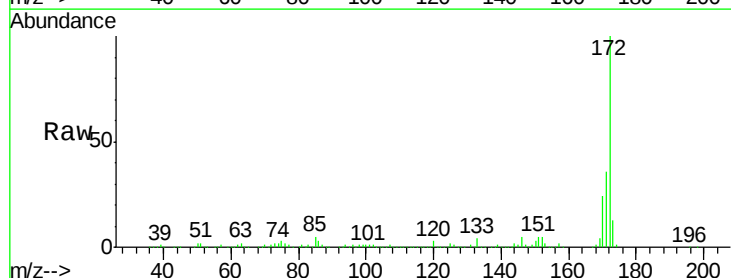
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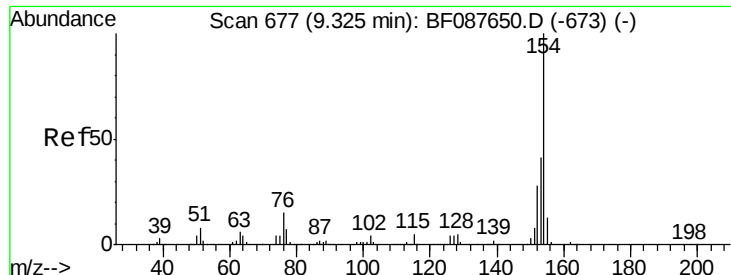
SOHIL
 6/6/2016 7:25:07 PM



#44
 2-Fluorobiphenyl
 Concen: 86.15 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:	172	Resp:	1295427
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	43.0
170	24.3	19.2	28.8





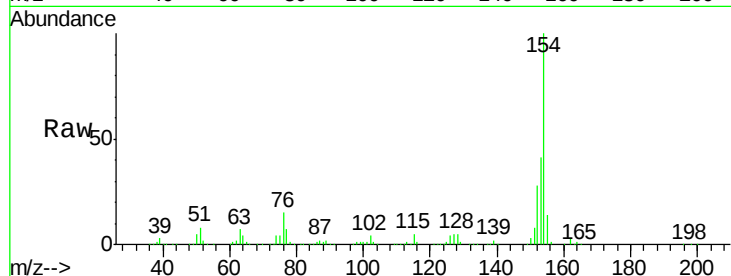
#45
1,1'-Biphenyl
Concen: 41.85 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

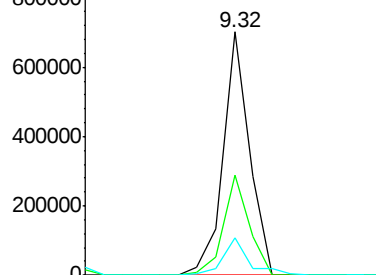
Tot Ion:	154	Resp:	787352
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	15.2	0.0	35.1

Manual Integrations
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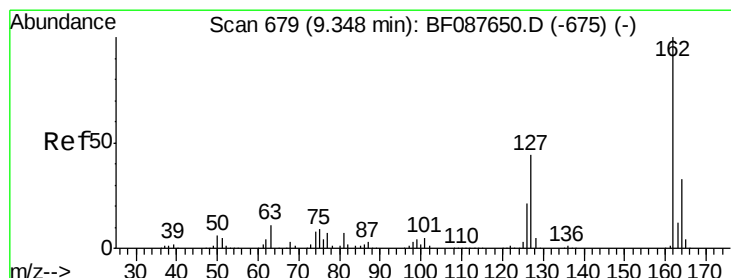
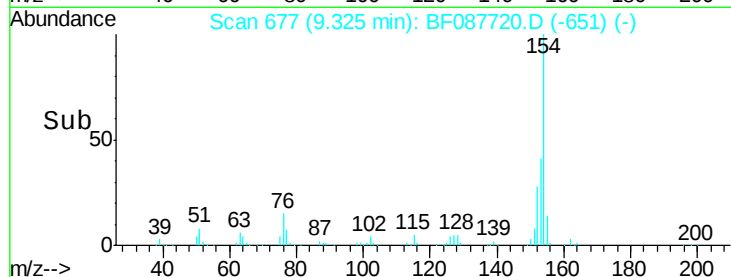
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

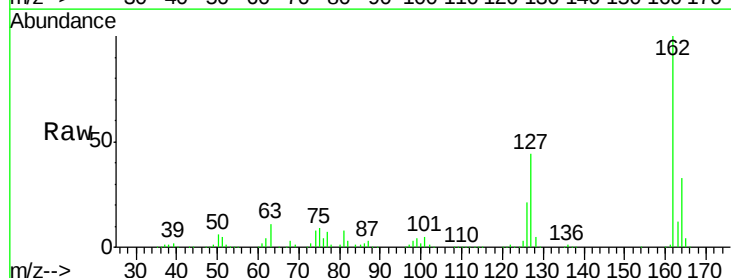


Time-->

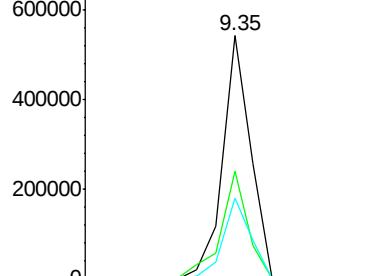


#46
2-Chloronaphthalene
Concen: 42.97 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

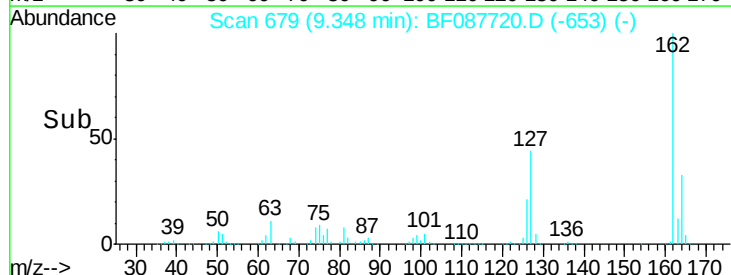
Tgt Ion:	162	Resp:	643589
Ion Ratio	Lower	Upper	
162	100		
127	44.3	35.2	52.8
164	33.1	26.6	39.8

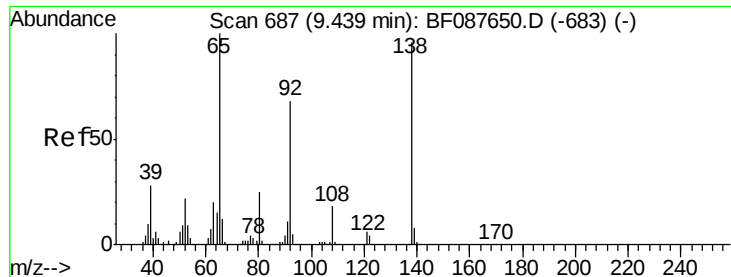


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 52.41 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

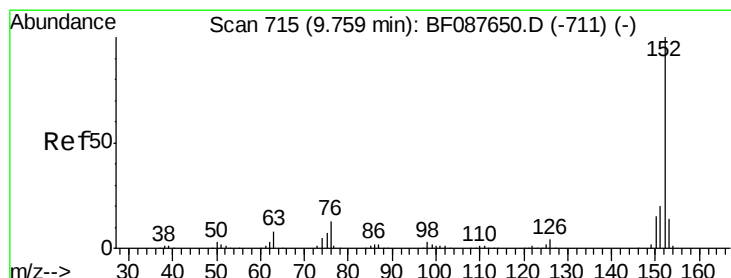
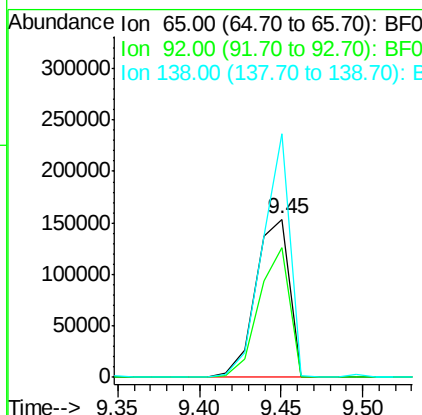
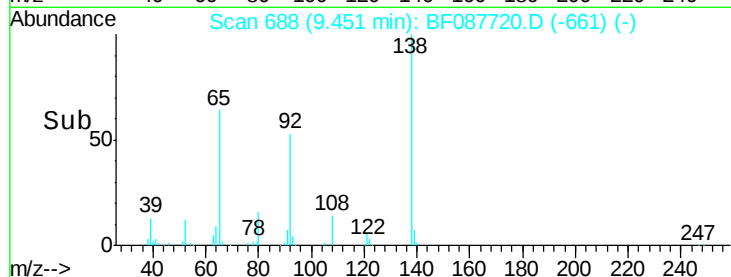
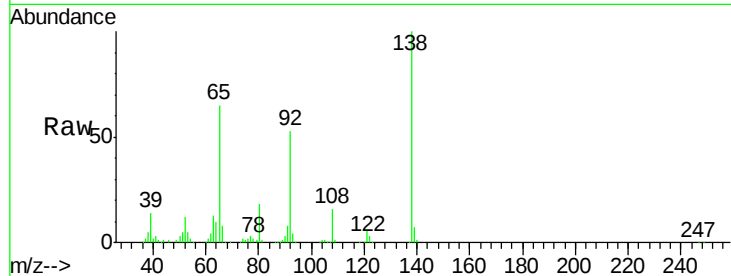
ClientSampleId :

SB-2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	81.8	54.6	82.0
138	154.1	77.0	115.4

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#48

Acenaphthylene

Concen: 48.84 ng

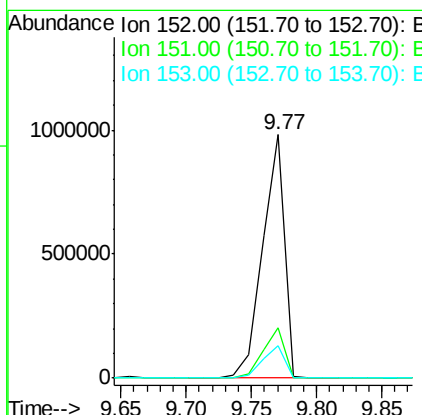
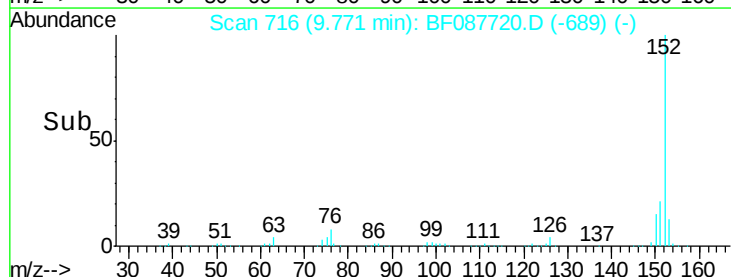
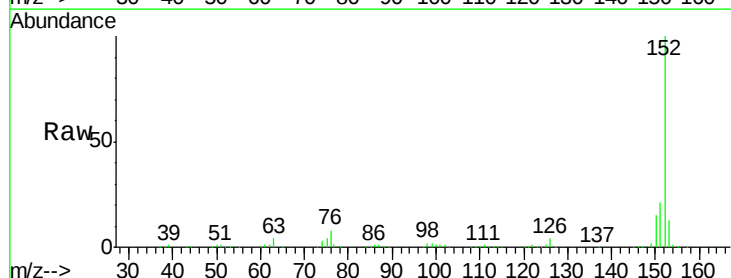
RT: 9.77 min Scan# 716

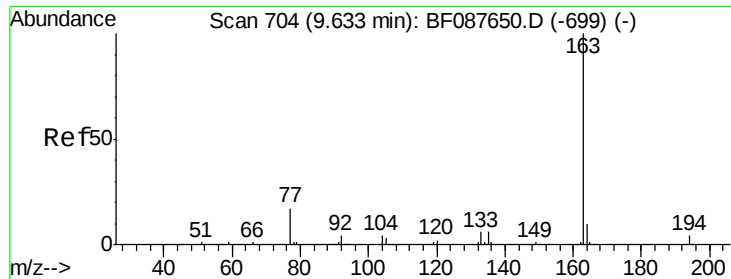
Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.5	11.0	16.6





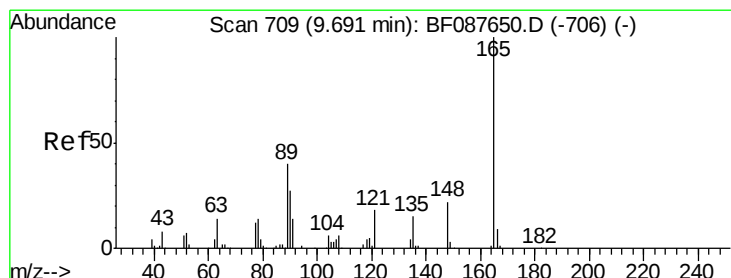
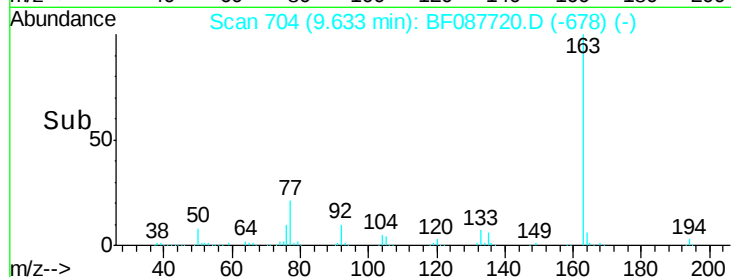
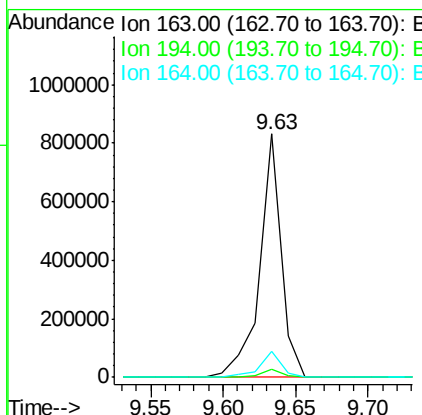
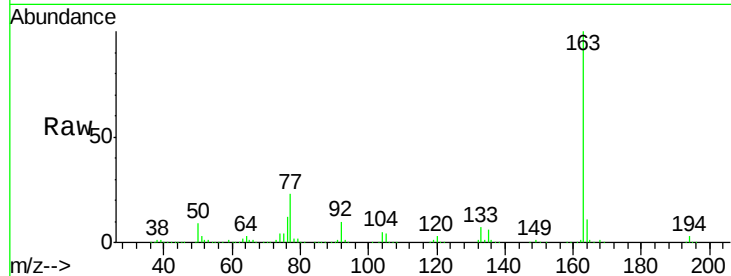
#49
Dimethylphthalate
Concen: 50.92 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	858241		
194	3.3		2.8	4.2
164	10.8		8.3	12.5

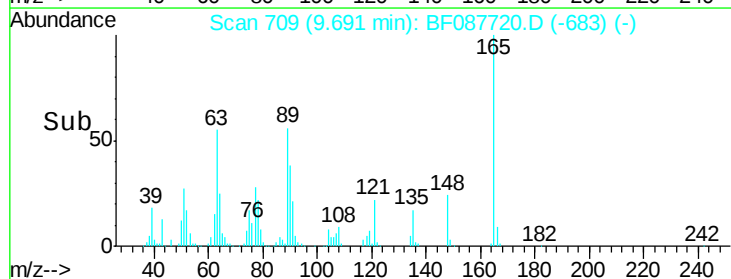
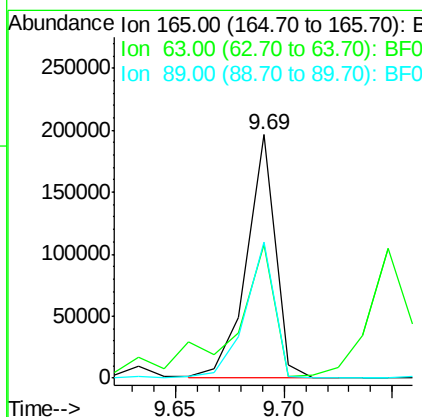
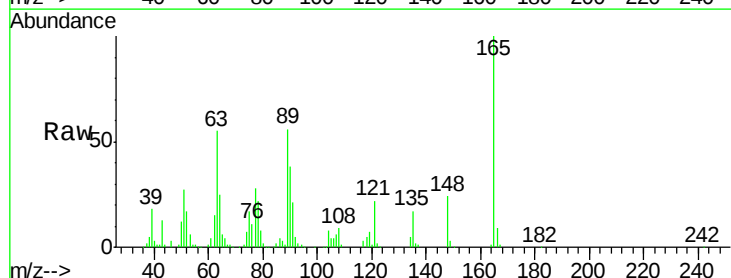
Manual Integrations
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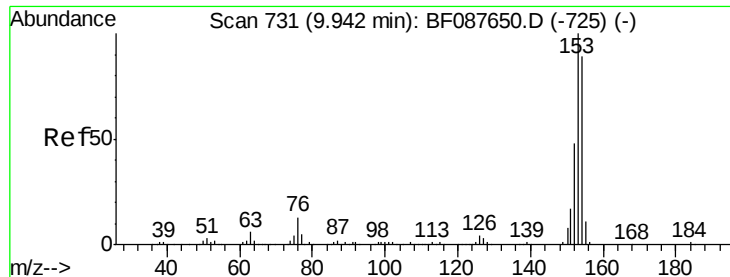
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#50
2,6-Dinitrotoluene
Concen: 47.06 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180472		
63	54.8		28.1	42.1#
89	55.7		32.2	48.2#





#51

Acenaphthene

Concen: 46.72 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

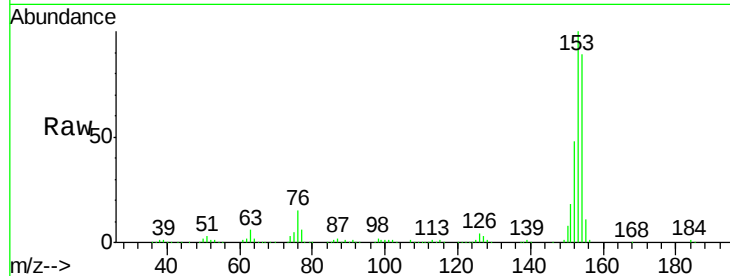
ClientSampleId :

SB-2MSD

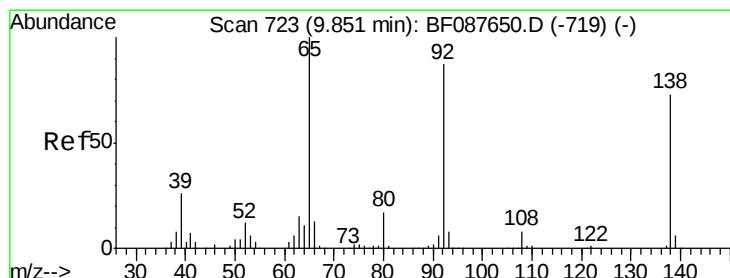
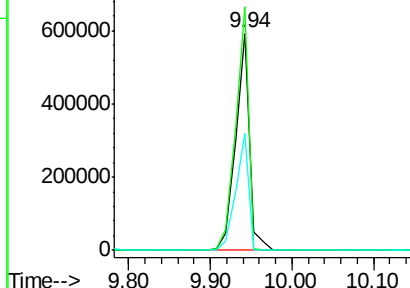
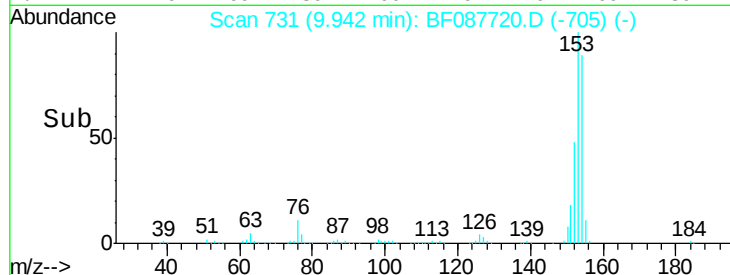
Tot Ion:	154	Resp:	702052
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.5	134.3
152	53.7	42.7	64.1

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



#52

3-Nitroaniline

Concen: 31.48 ng

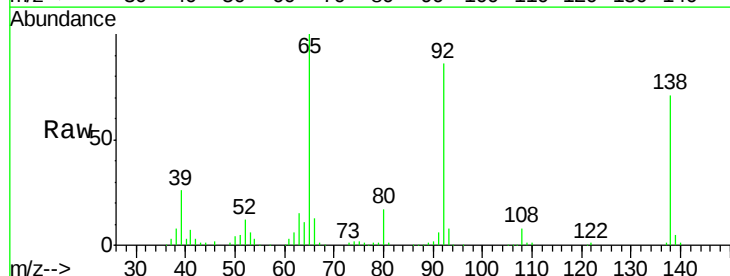
RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

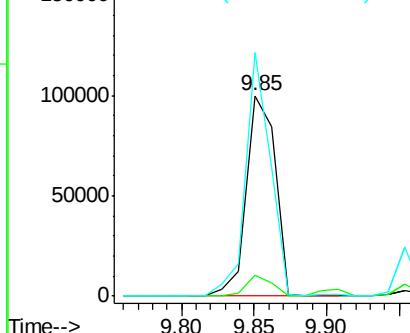
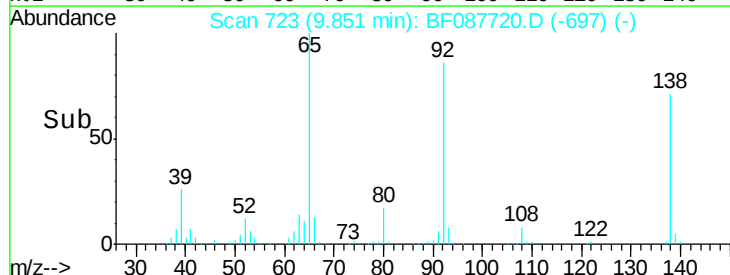
Lab File: BF087720.D

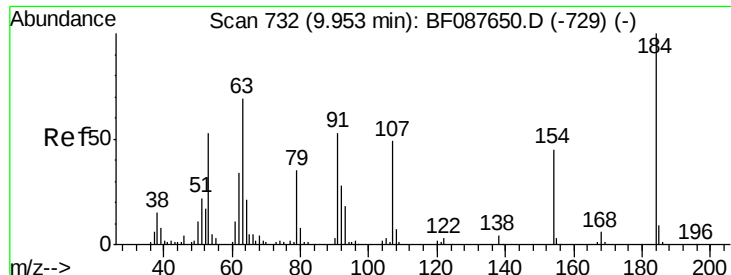
Acq: 5 Jun 2016 21:22

Tgt Ion:	138	Resp:	138053
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.5	12.7
92	121.4	95.7	143.5



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





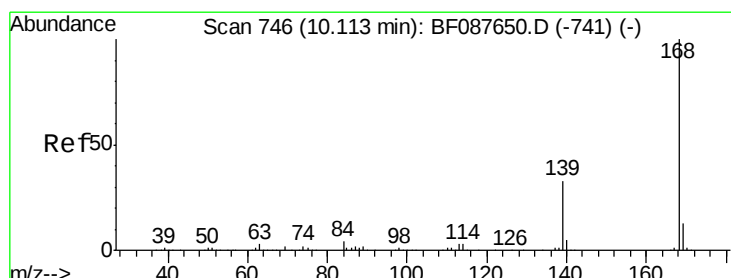
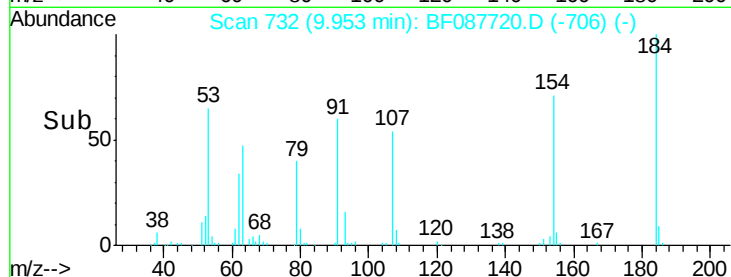
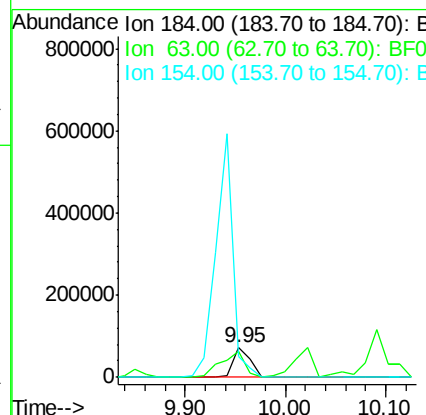
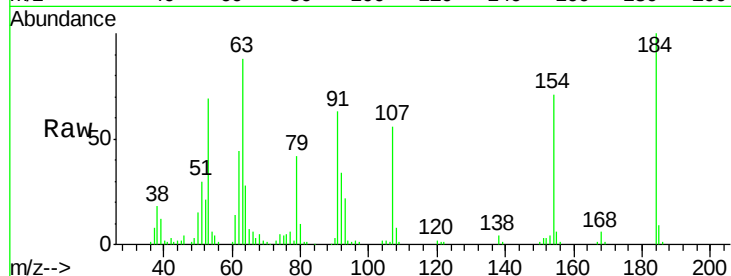
#53
2,4-Dinitrophenol
Concen: 50.91 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	86018		
63	87.8	57.6	86.4	#
154	70.7	53.5	80.3	

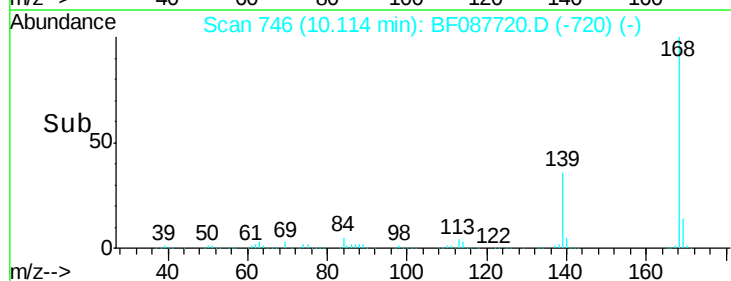
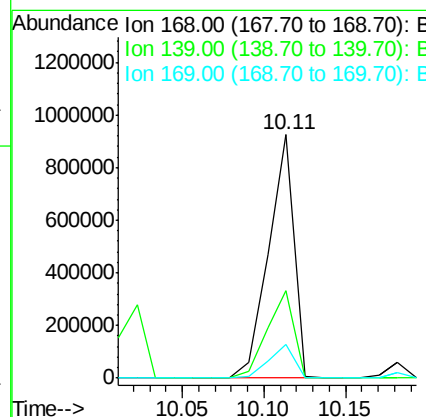
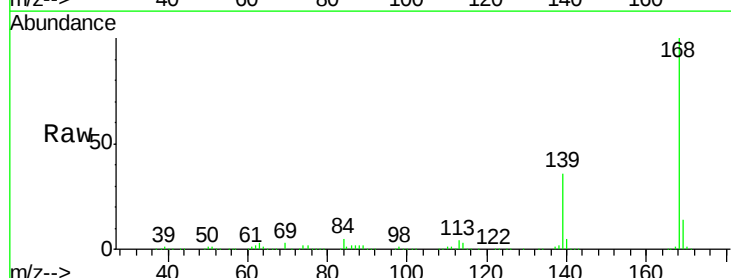
Manual Integrations
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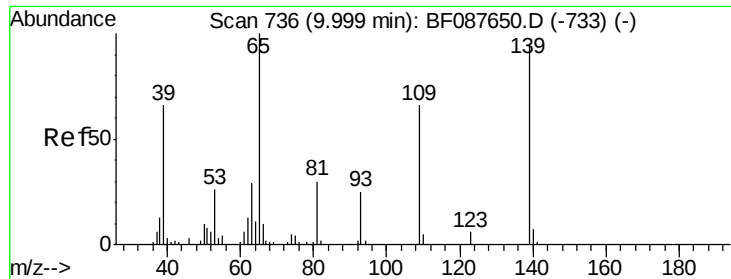
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#54
Dibenzofuran
Concen: 48.92 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1000864		
139	36.1	26.4	39.6	
169	13.7	10.4	15.6	





#55

4-Nitrophenol

Concen: 89.44 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

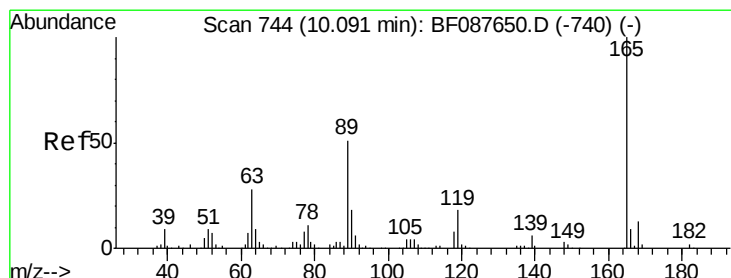
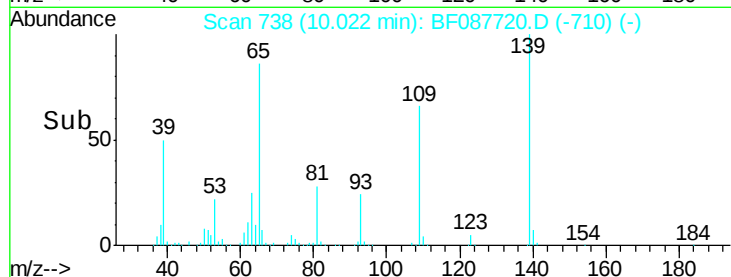
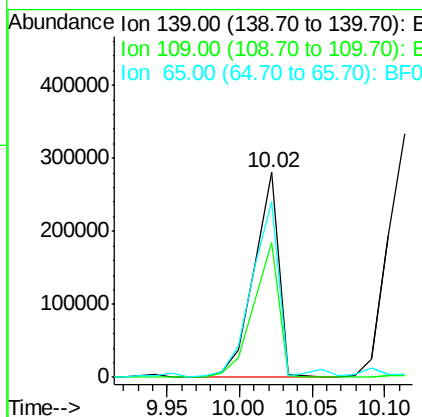
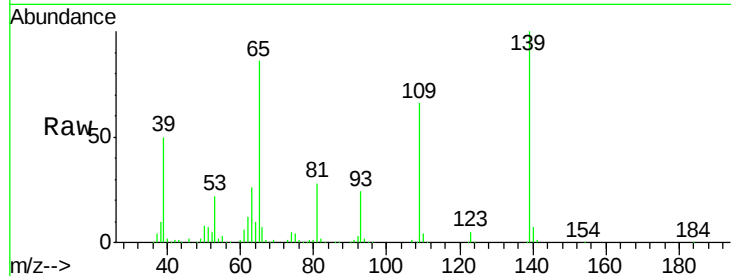
ClientSampleId :

SB-2MSD

Tot Ion:	139	Resp:	335253
Ion Ratio	Lower	Upper	
139	100		
109	66.0	48.9	88.9
65	86.0	84.9	124.9

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 46.74 ng

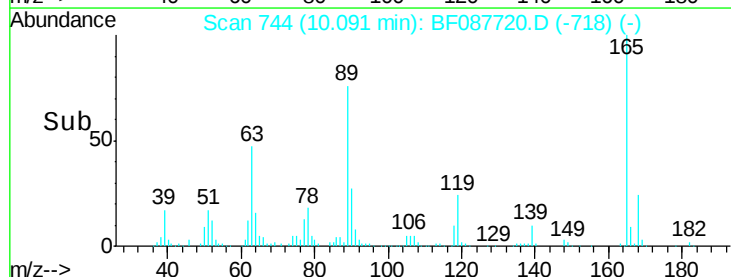
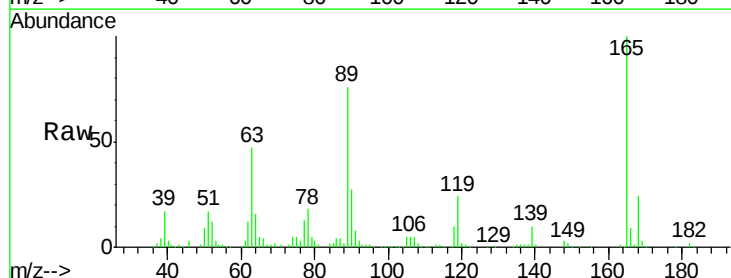
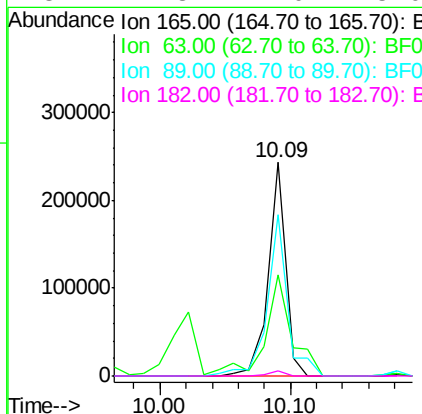
RT: 10.09 min Scan# 744

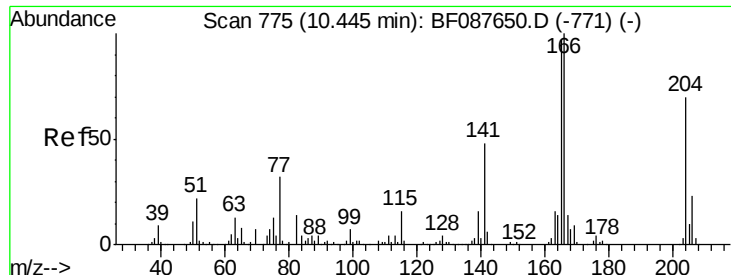
Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion:	165	Resp:	228247
Ion Ratio	Lower	Upper	
165	100		
63	47.2	22.0	33.0#
89	75.5	41.1	61.7#
182	2.3	2.0	3.0





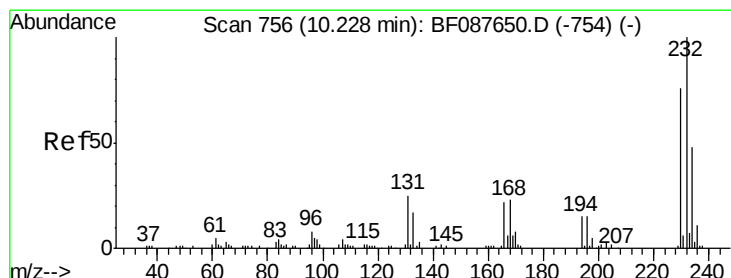
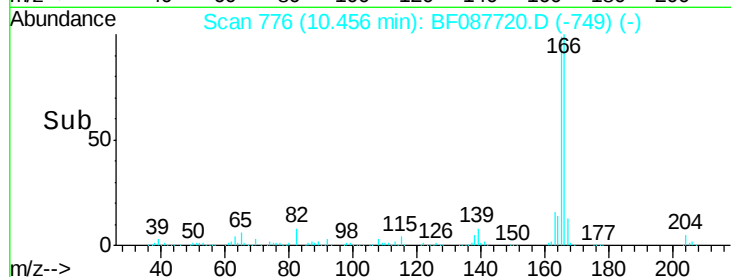
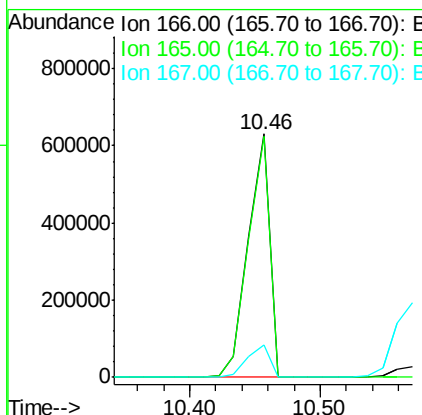
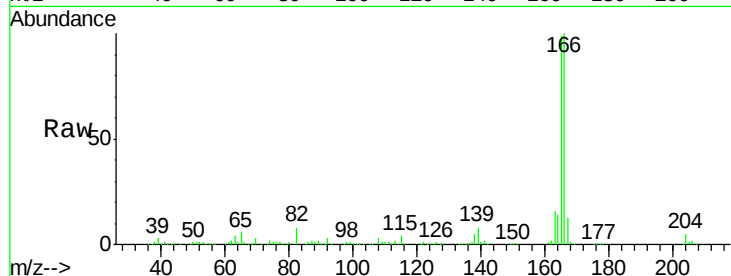
#57
Fluorene
 Concen: 45.50 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.8
167	13.1	11.2	16.8

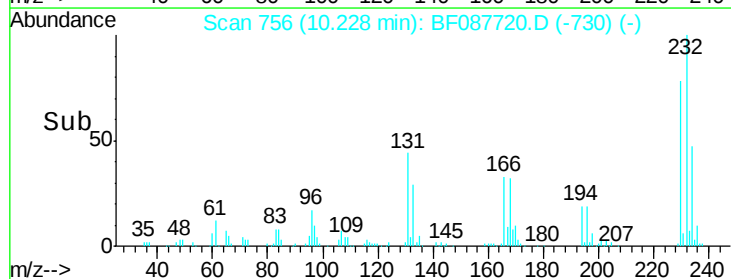
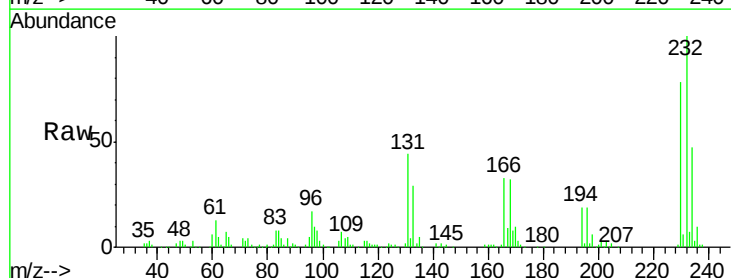
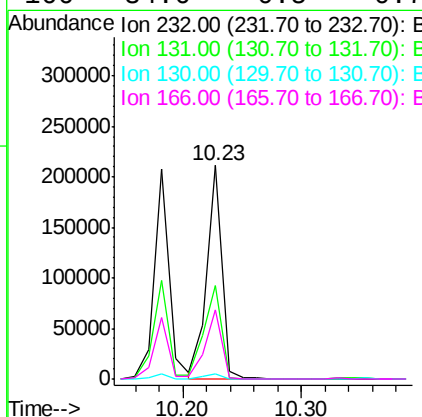
Manual Integrations
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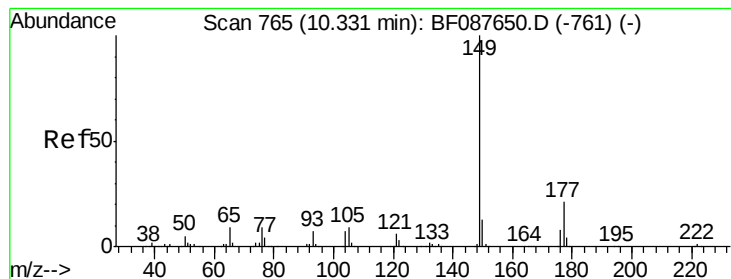
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 6/6/2016 7:25:07 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.77 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.5	0.9	1.3#
130	2.5	1.5	2.3#
166	34.6	0.5	0.7#





#59

Diethylphthalate

Concen: 41.86 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

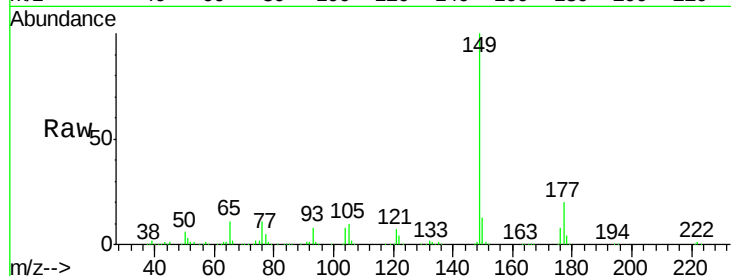
ClientSampleId :

SB-2MSD

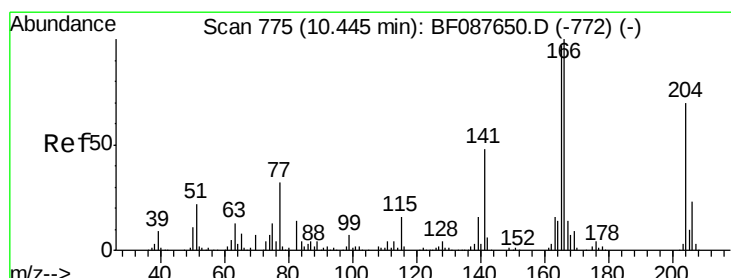
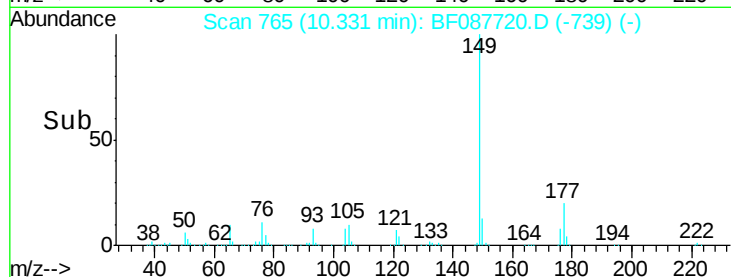
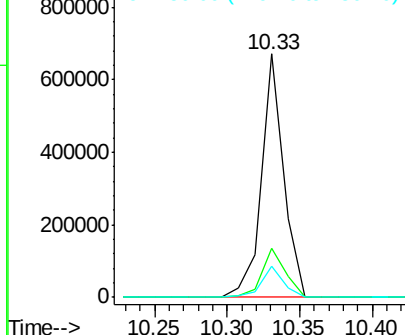
Tot Ion:	149	Resp:	708457
Ion Ratio	Lower	Upper	
149	100		
177	20.2	16.9	25.3
150	13.0	10.1	15.1

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.92 ng

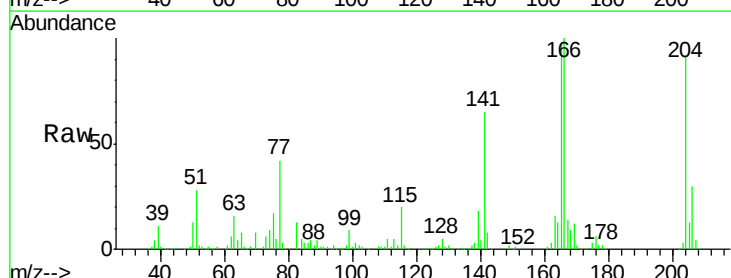
RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

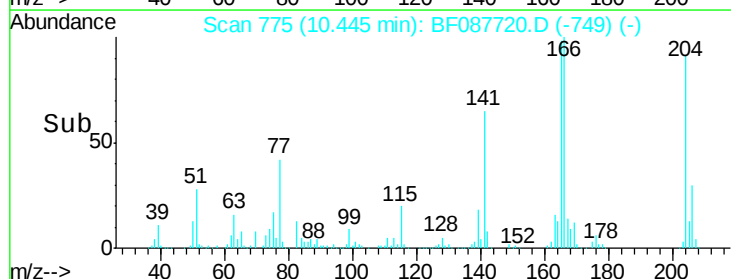
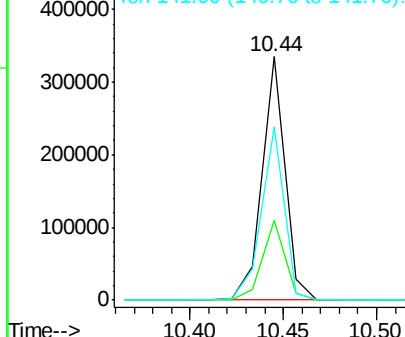
Lab File: BF087720.D

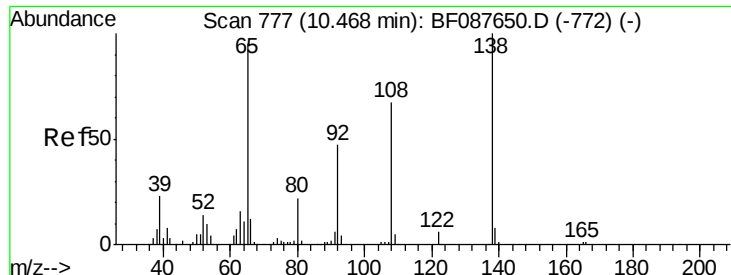
Acq: 5 Jun 2016 21:22

Tgt Ion:	204	Resp:	283836
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.3	39.5
141	71.2	55.0	82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





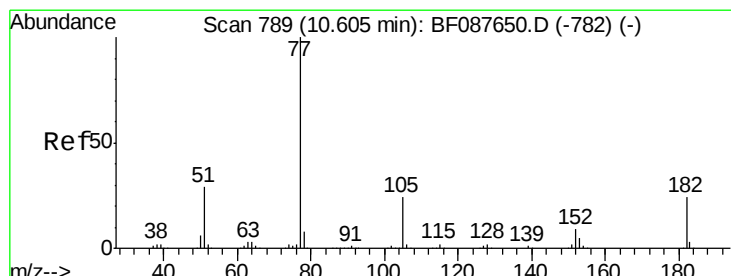
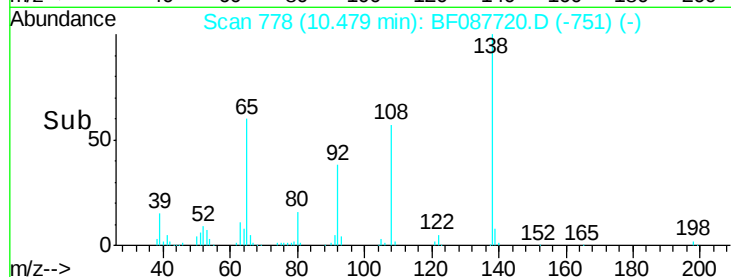
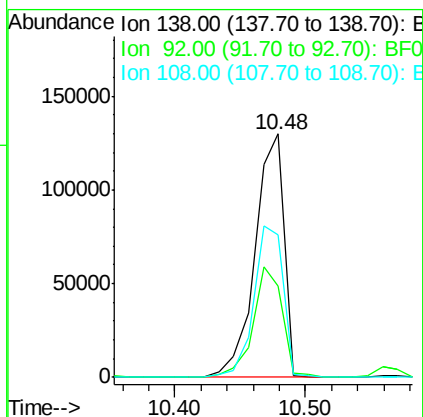
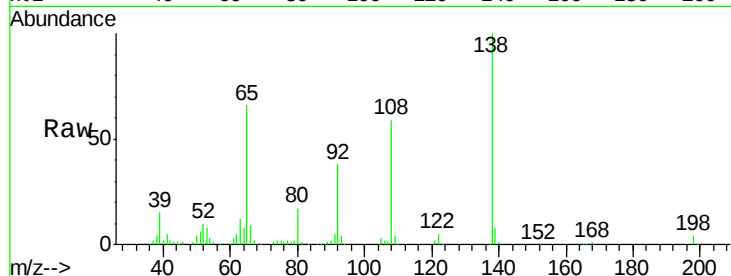
#61
4-Nitroaniline
Concen: 47.64 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	37.5	27.3	67.3
108	58.6	46.7	86.7

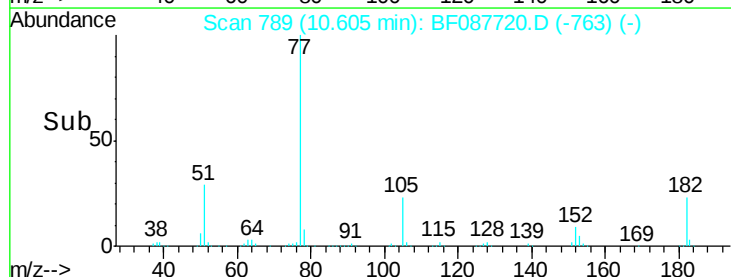
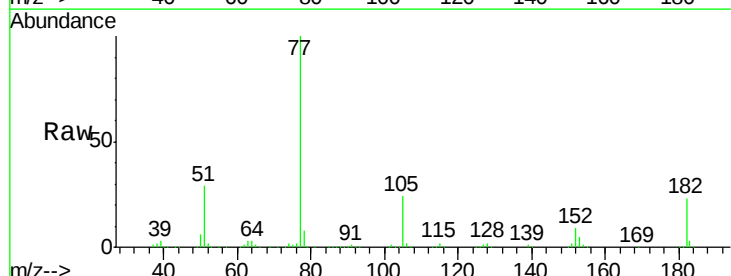
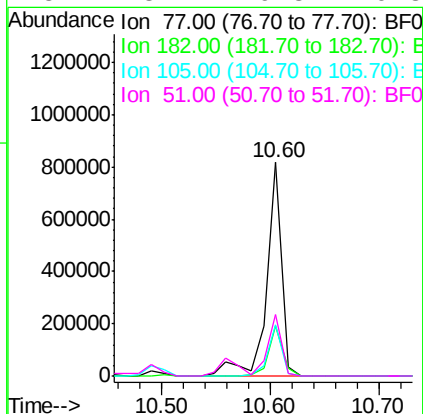
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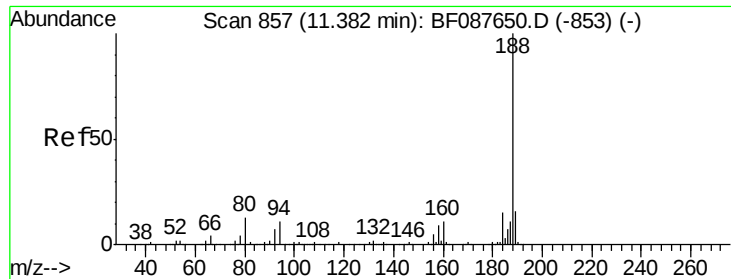
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#62
Azobenzene
Concen: 47.07 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.4	44.4
105	23.7	3.8	43.8
51	28.7	9.3	49.3





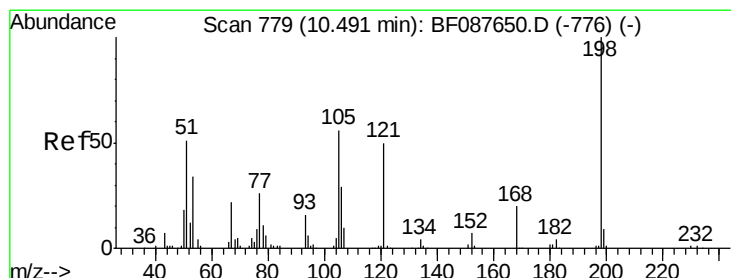
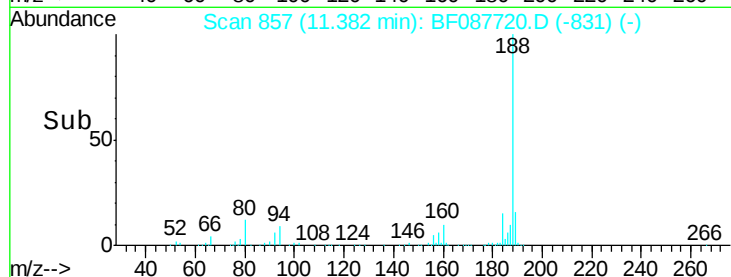
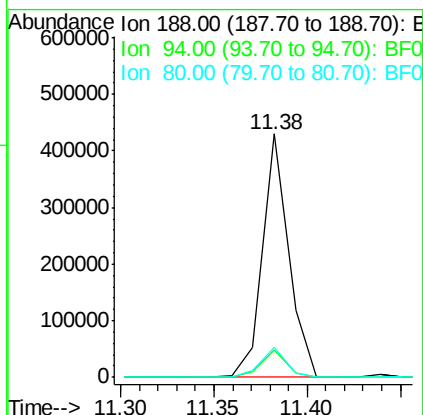
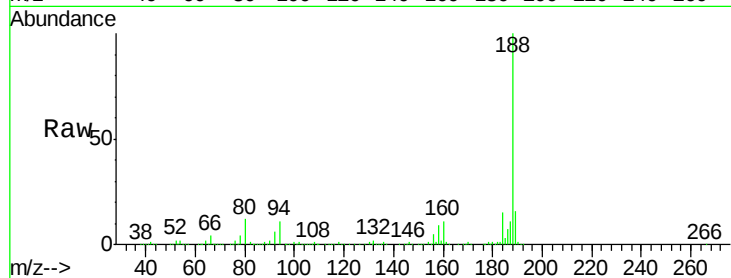
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	416375		
94	11.5		9.0	13.6
80	12.2		10.0	15.0

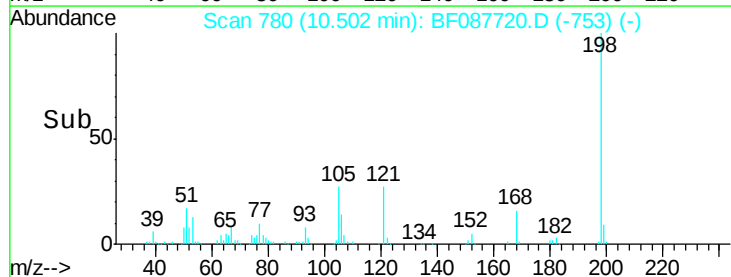
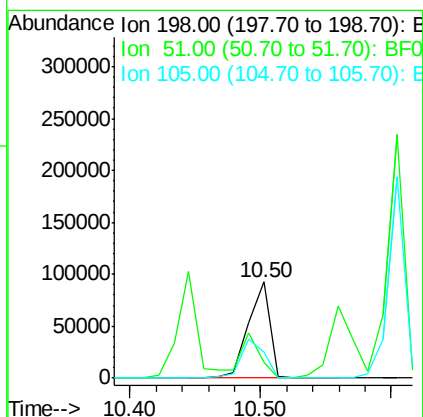
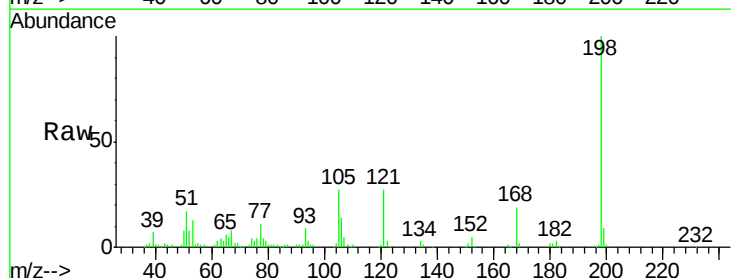
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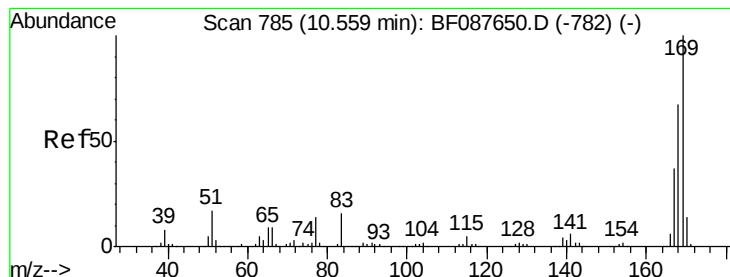
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.00 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	106266		
51	17.0		39.6	79.6#
105	26.6		36.6	76.6#





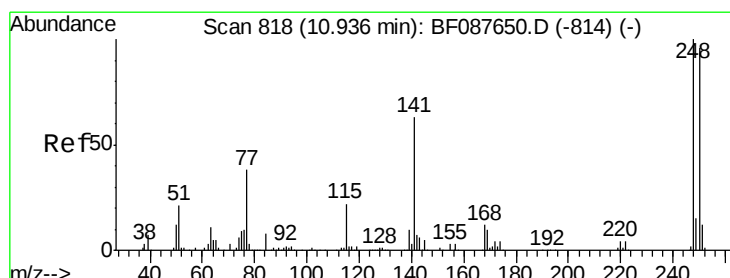
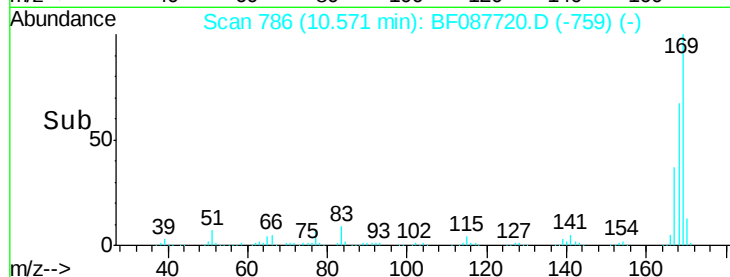
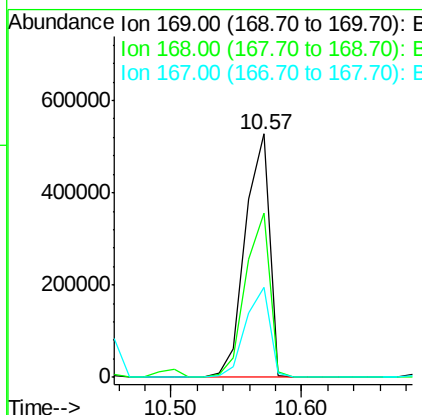
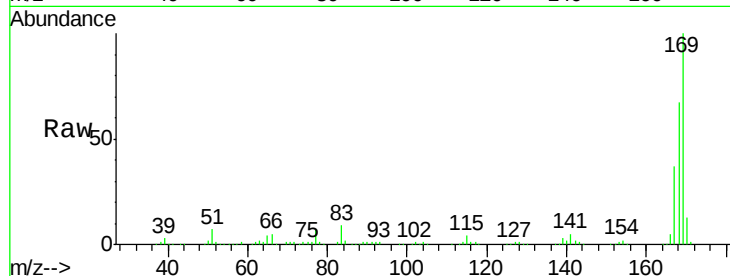
#65
n-Nitrosodiphenylamine
Concen: 49.72 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	678089		
168	67.3		53.4	80.0
167	37.0		29.4	44.0

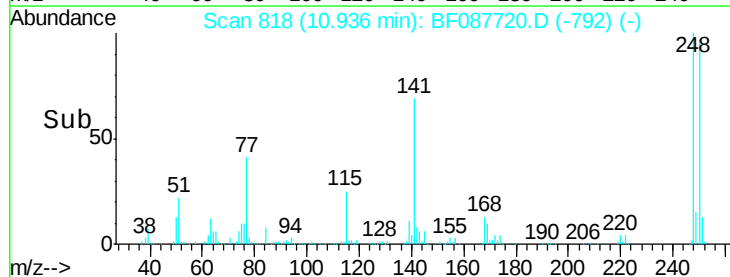
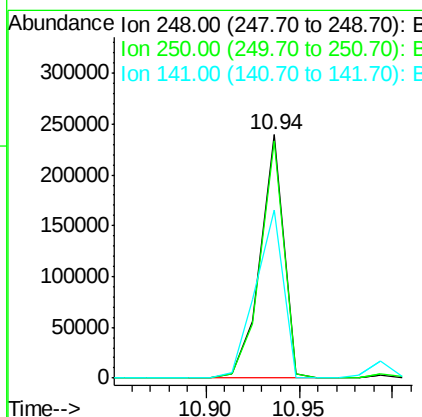
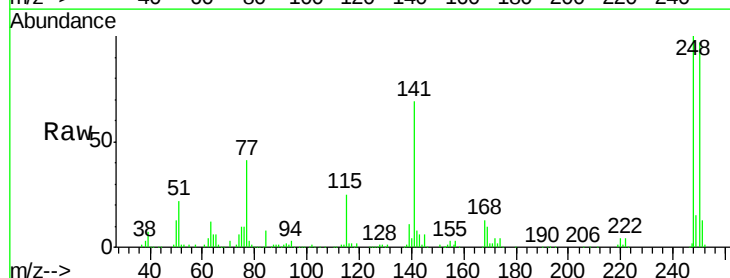
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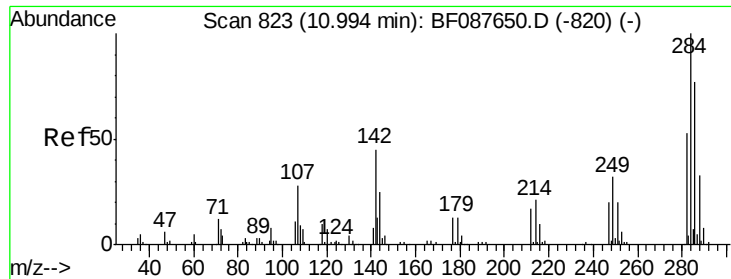
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#66
4-Bromophenyl-phenylether
Concen: 50.53 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	208636		
250	97.2		77.1	115.7
141	69.1		50.6	76.0





#67

Hexachlorobenzene

Concen: 44.18 ng

RT: 10.99 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

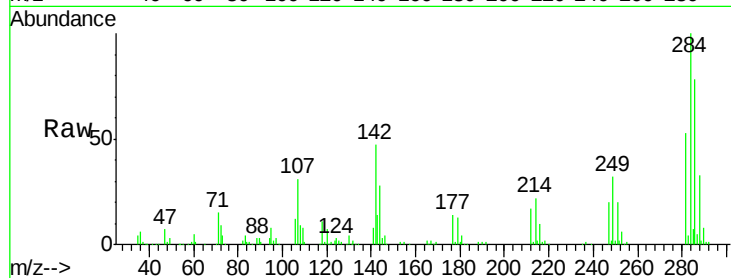
ClientSampleId :

SB-2MSD

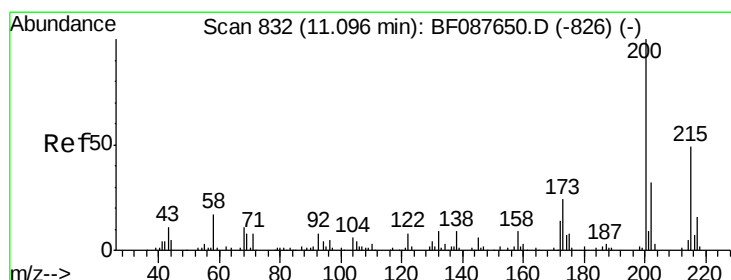
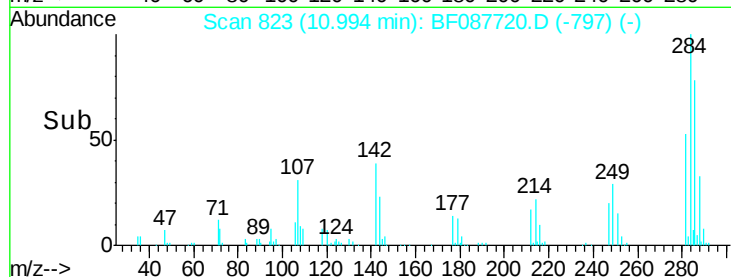
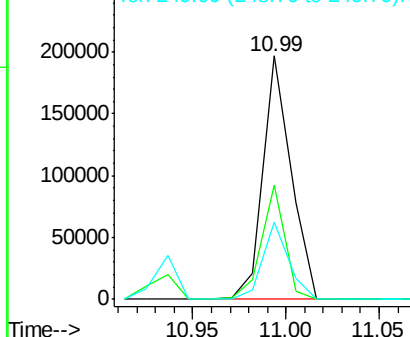
Tot Ion:	284	Resp:	203961
Ion Ratio	Lower	Upper	
284	100		
142	47.0	35.8	53.8
249	31.9	25.8	38.6

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



#68

Atrazine

Concen: 51.75 ng

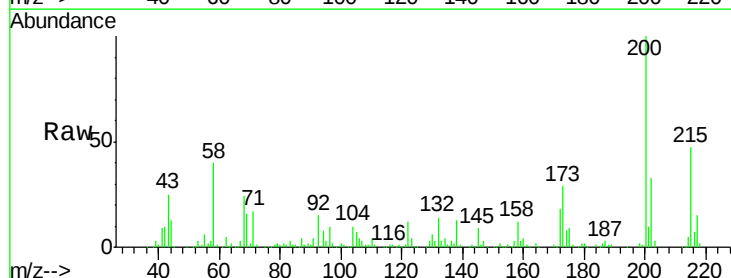
RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

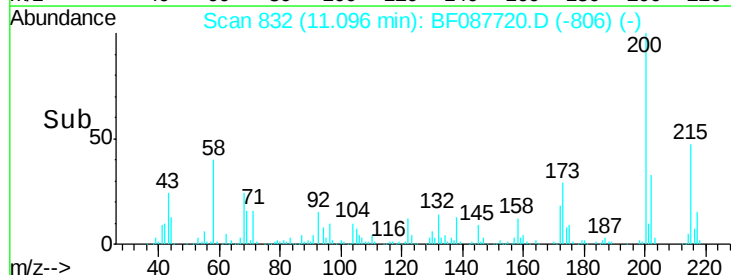
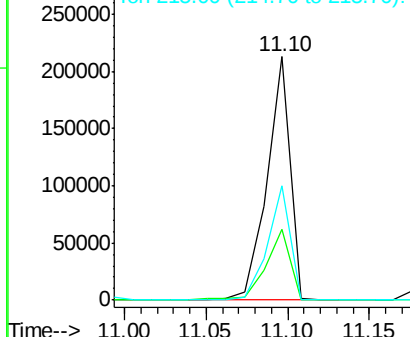
Lab File: BF087720.D

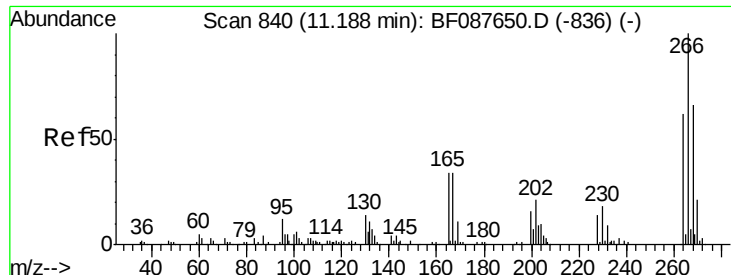
Acq: 5 Jun 2016 21:22

Tgt Ion:	200	Resp:	209040
Ion Ratio	Lower	Upper	
200	100		
173	29.2	4.0	44.0
215	47.1	29.3	69.3



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





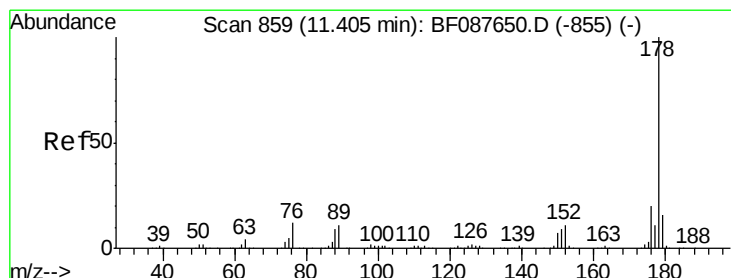
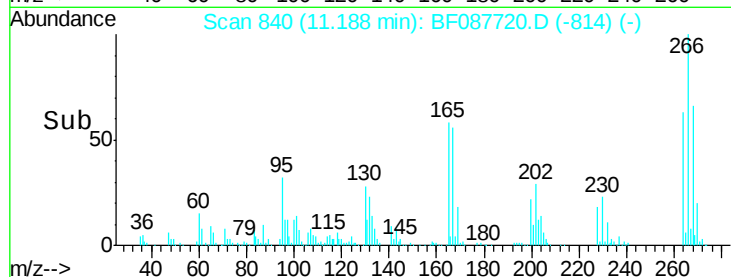
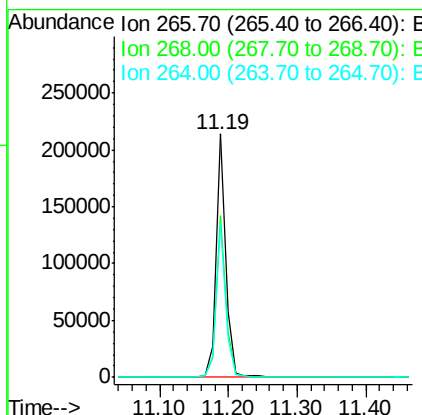
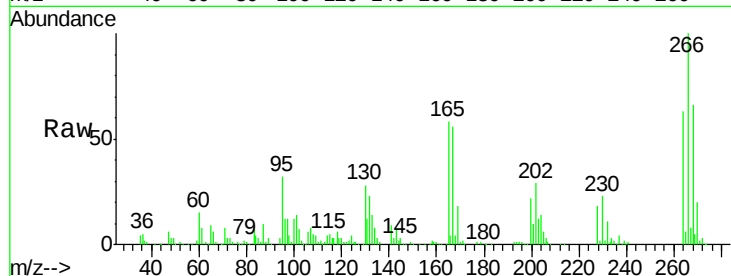
#69
 Pentachlorophenol
 Concen: 78.02 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.8	79.2
264	63.2	49.6	74.4

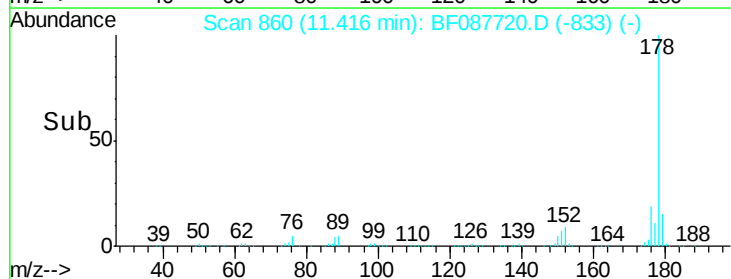
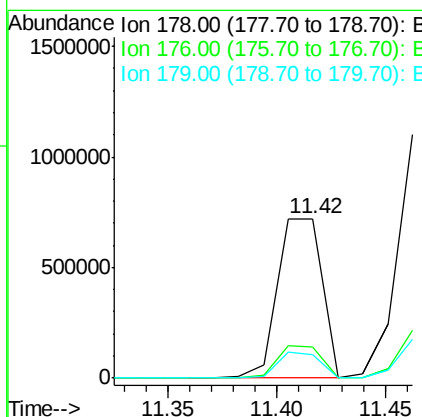
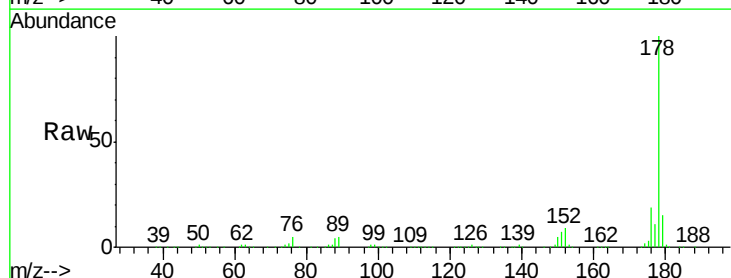
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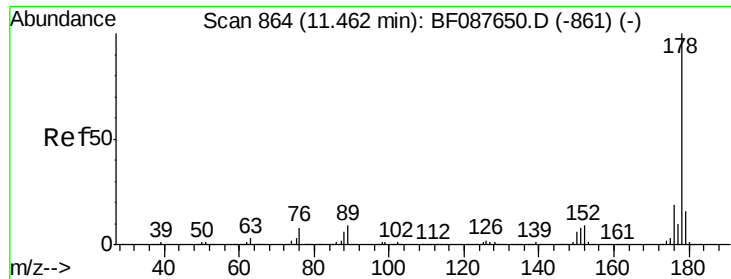
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#70
 Phenanthrene
 Concen: 45.91 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.1	13.0	19.4





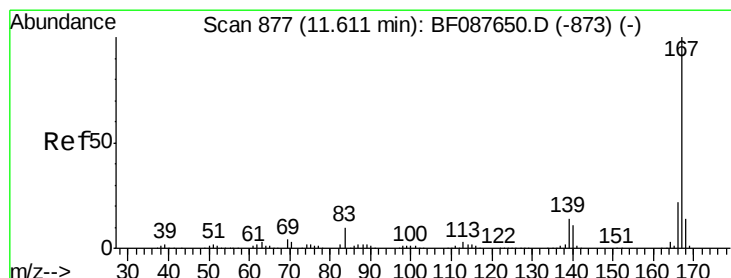
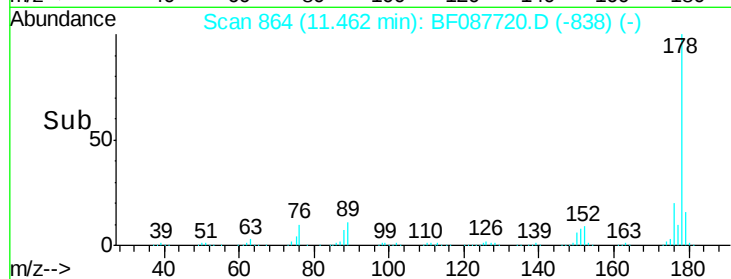
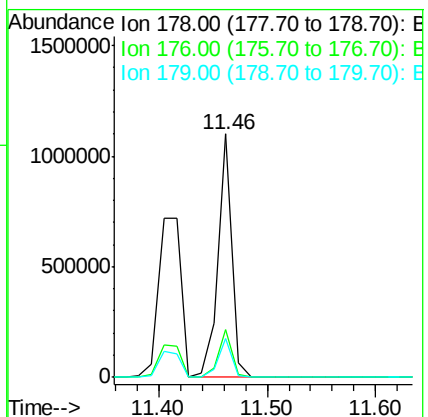
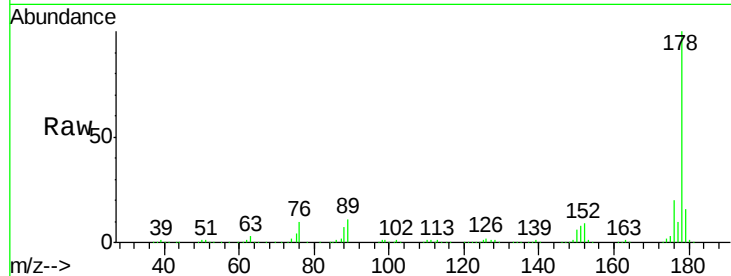
#71
 Anthracene
 Concen: 43.39 ng
 RT: 11.46 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.2	12.8	19.2

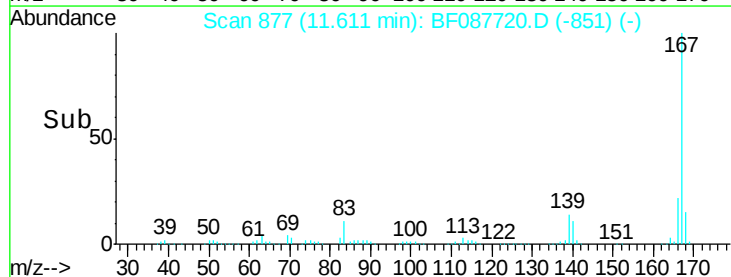
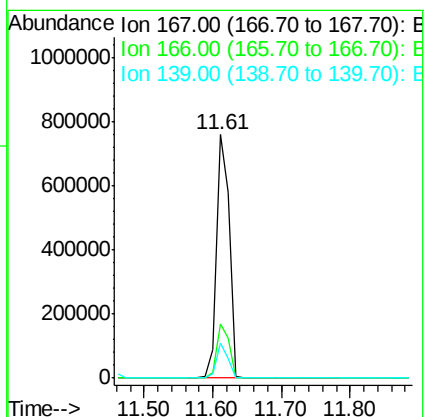
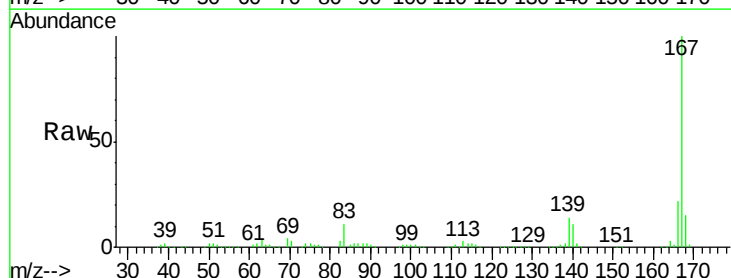
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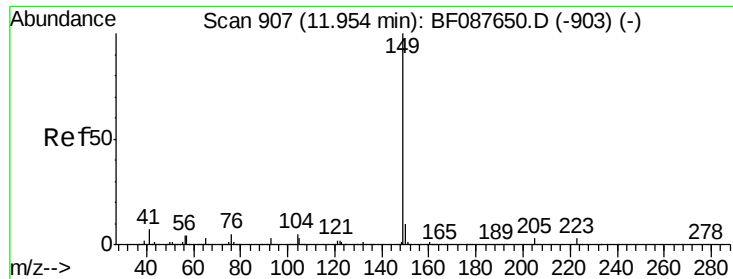
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#72
 Carbazole
 Concen: 46.34 ng
 RT: 11.61 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 49.88 ng

RT: 11.95 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:149 Resp: 1145026

Ion Ratio Lower Upper

149 100

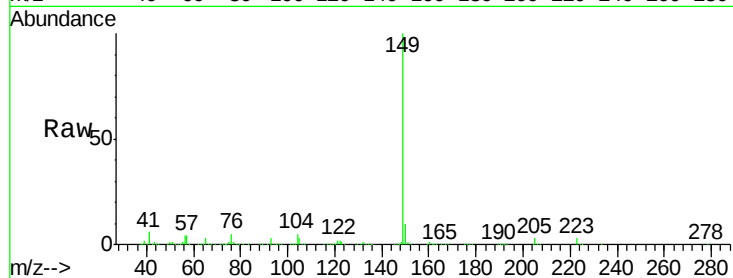
150 9.8 7.8 11.6

104 5.0 4.0 6.0

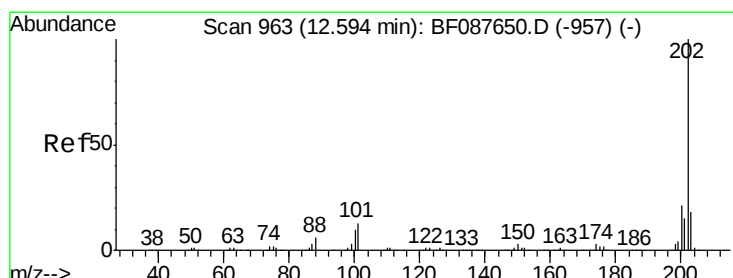
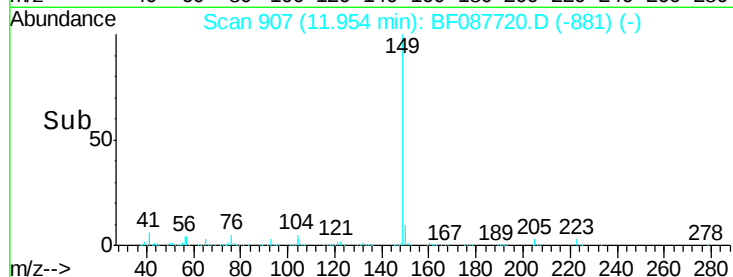
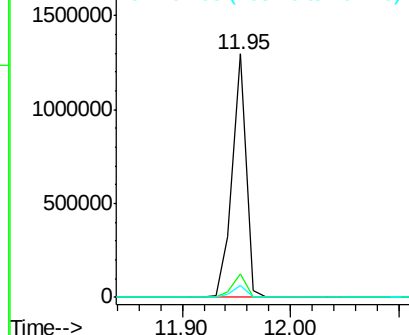
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.22 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

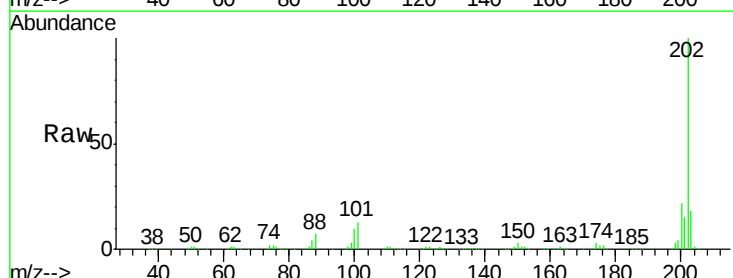
Tgt Ion:202 Resp: 982384

Ion Ratio Lower Upper

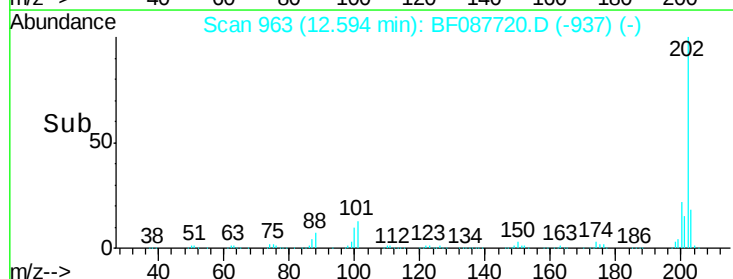
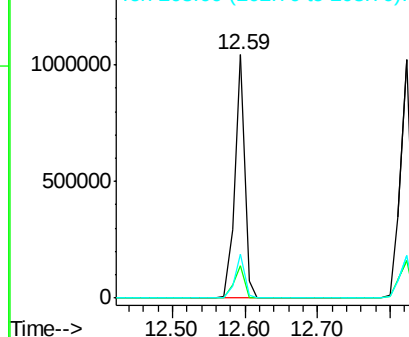
202 100

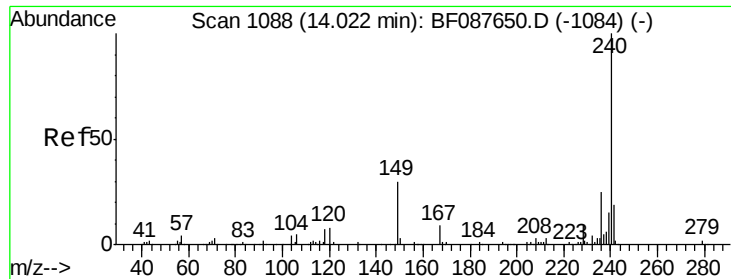
101 13.5 0.0 33.1

203 18.3 0.0 38.1



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: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

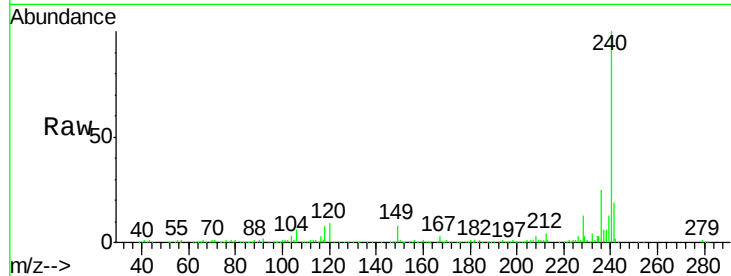
ClientSampleId :

SB-2MSD

Tot Ion:	240	Resp:	296256
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.8	10.2
236	25.4	20.2	30.2

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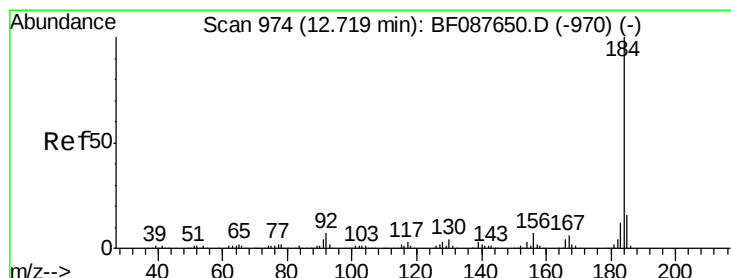
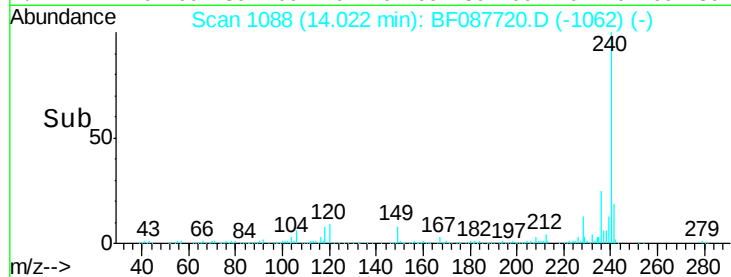
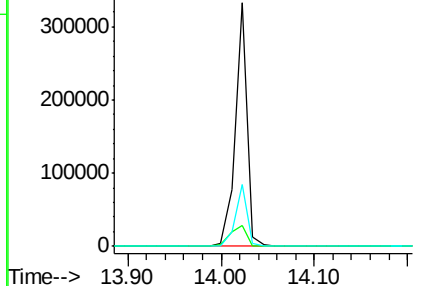
SOHIL
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.87 ng

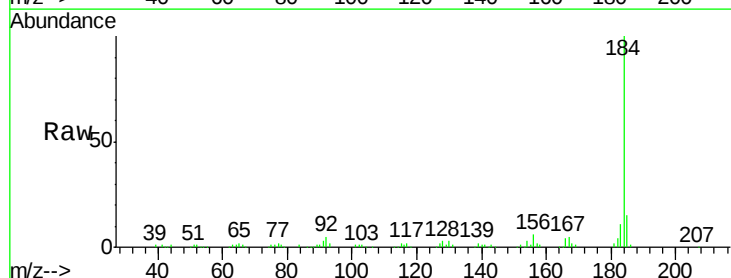
RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

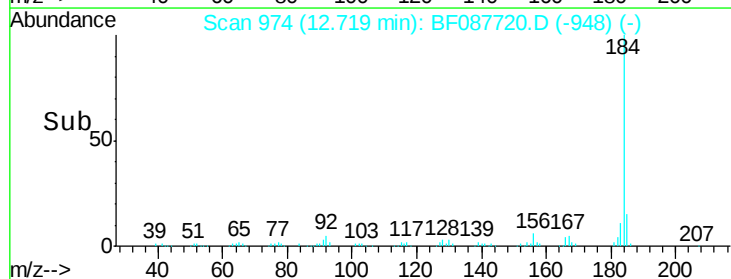
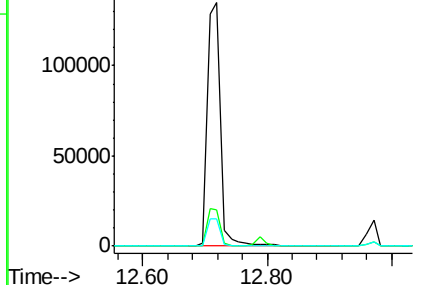
Tgt Ion:	184	Resp:	197095
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.5	18.7
183	11.2	9.3	13.9

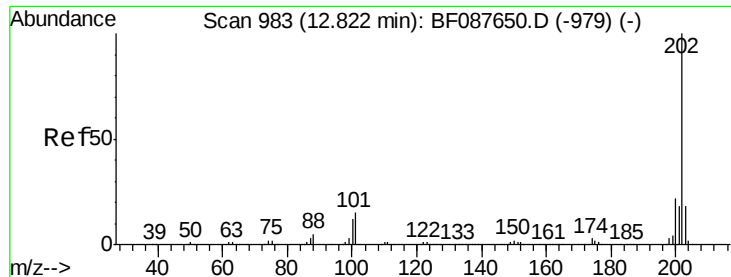


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





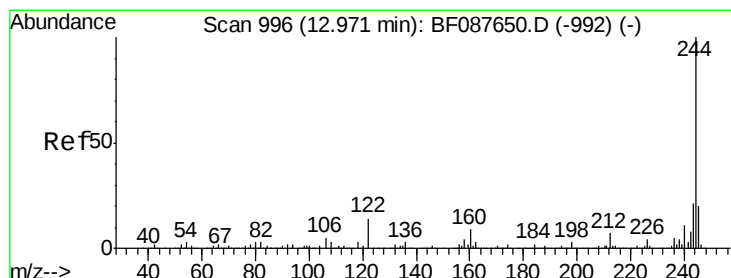
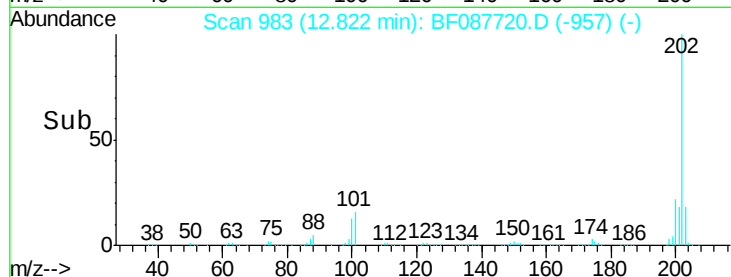
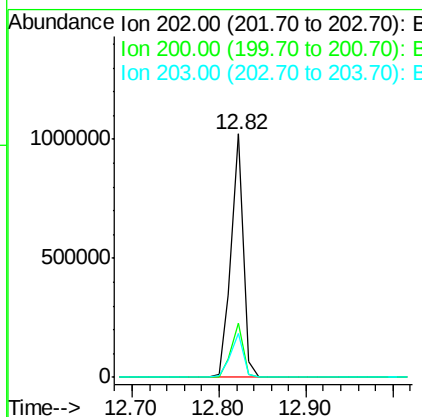
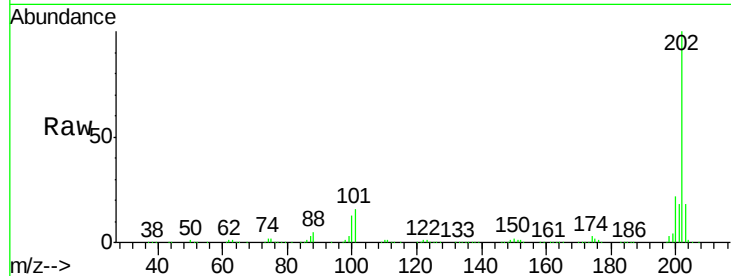
#77
Pvrene
Concen: 47.34 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.5	21.7

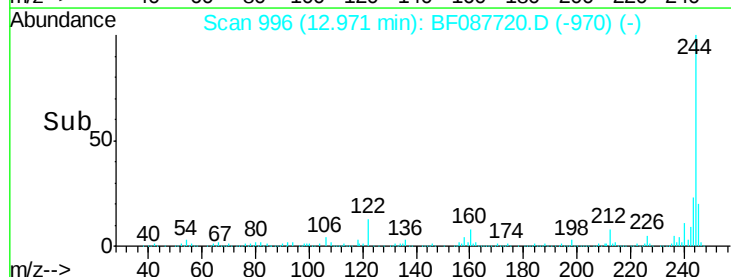
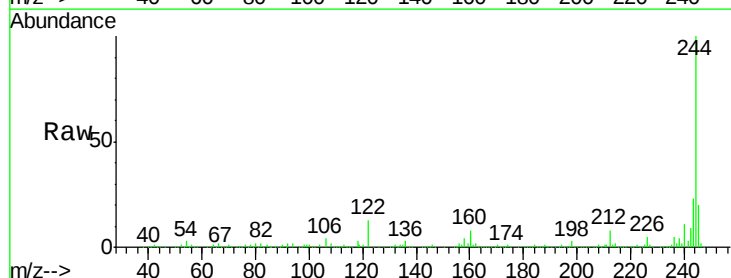
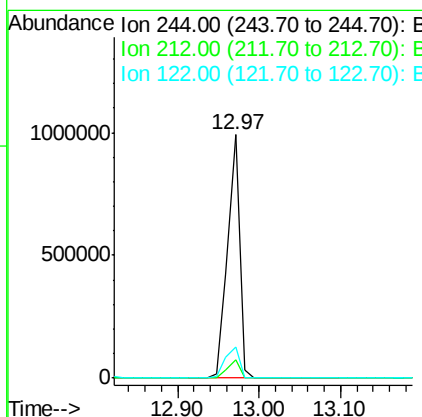
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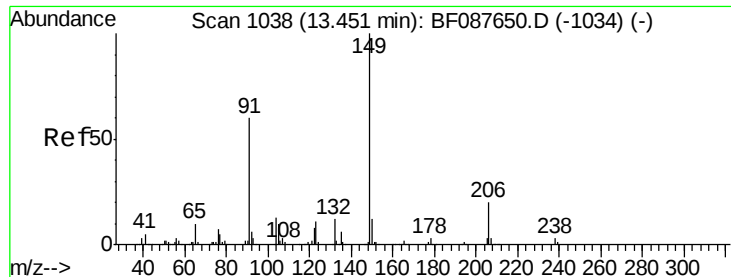
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#78
Terphenyl-d14
Concen: 83.39 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.6	11.2	16.8





#79

Butylbenzylphthalate

Concen: 56.36 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

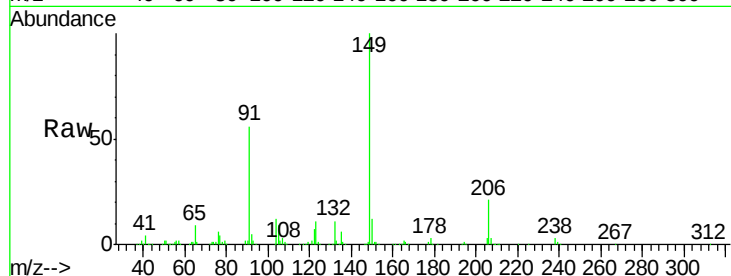
ClientSampleId :

SB-2MSD

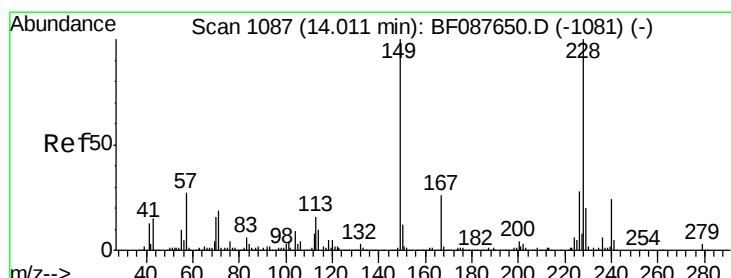
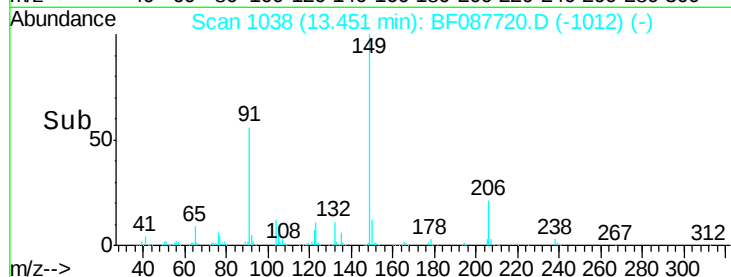
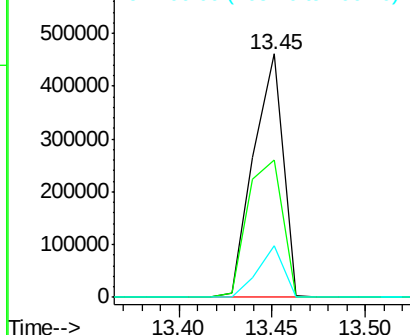
Tot Ion:	149	Resp:	506008
Ion Ratio	Lower	Upper	
149	100		
91	56.4	48.0	72.0
206	21.2	16.0	24.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.04 ng

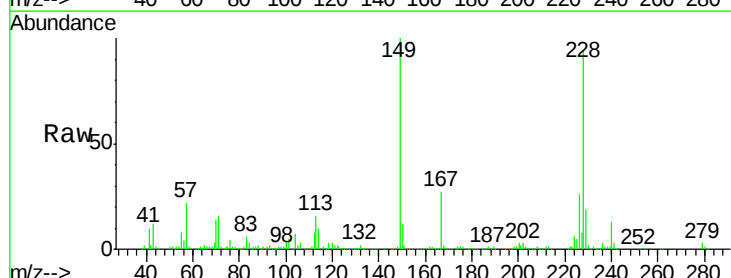
RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

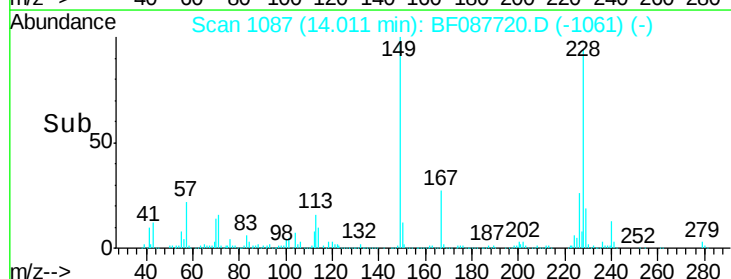
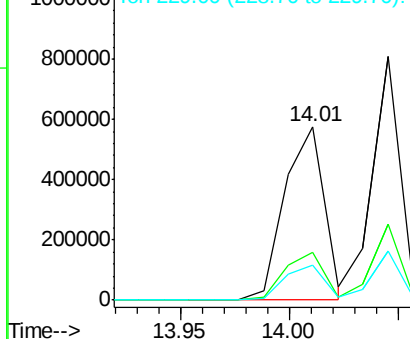
Lab File: BF087720.D

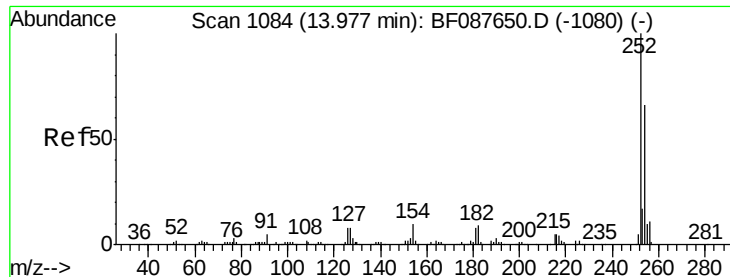
Acq: 5 Jun 2016 21:22

Tgt Ion:	228	Resp:	735897
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.3	33.5
229	19.9	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





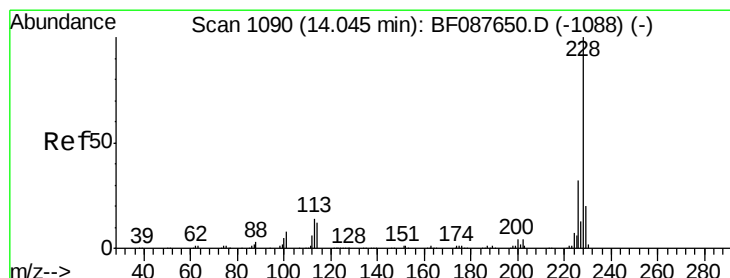
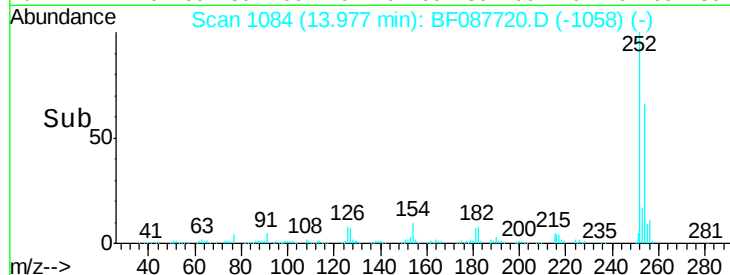
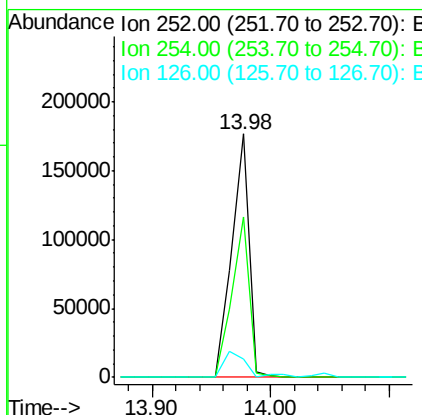
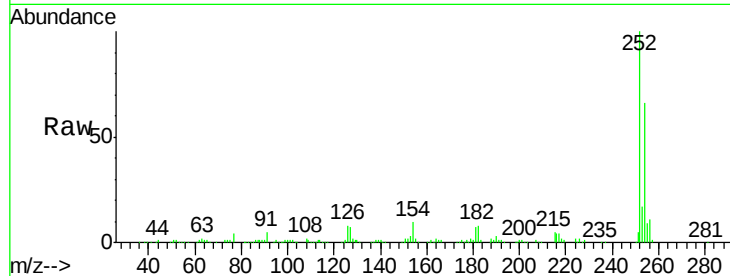
#81
 3,3'-Dichlorobenzidine
 Concen: 37.18 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	78.8
126	7.8	6.2	9.2

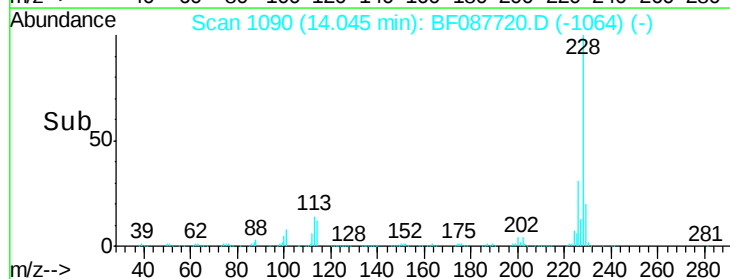
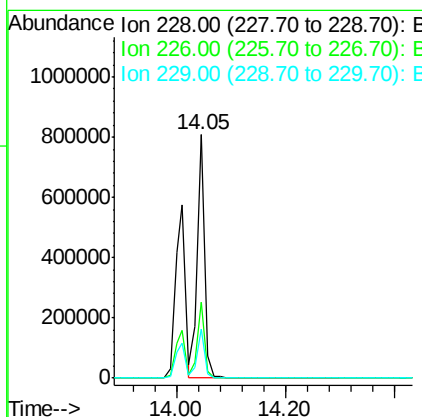
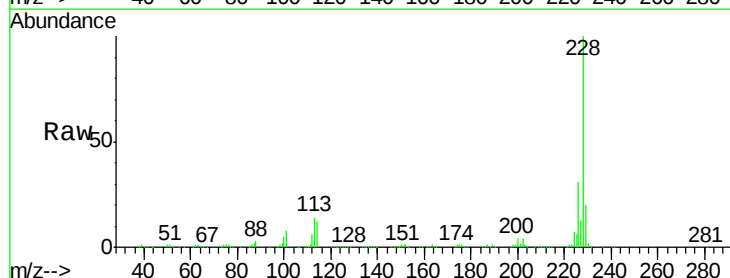
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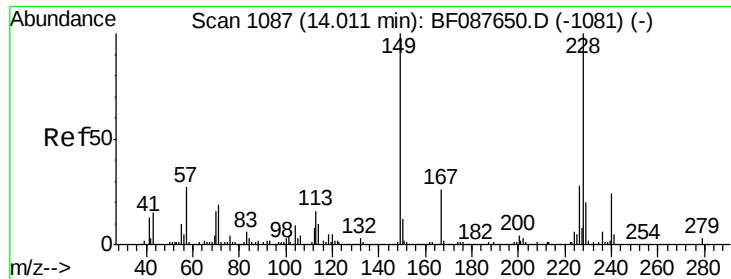
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#82
 Chrysene
 Concen: 43.51 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	20.3	16.3	24.5





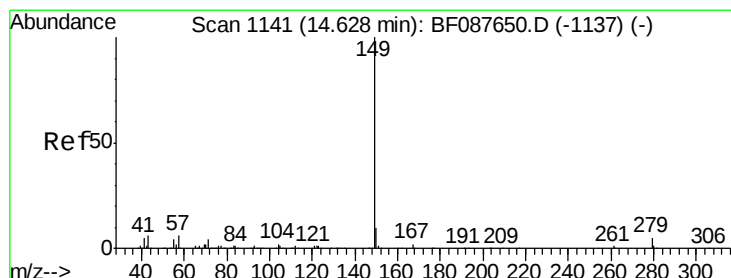
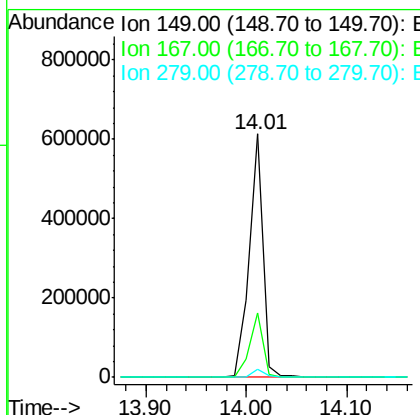
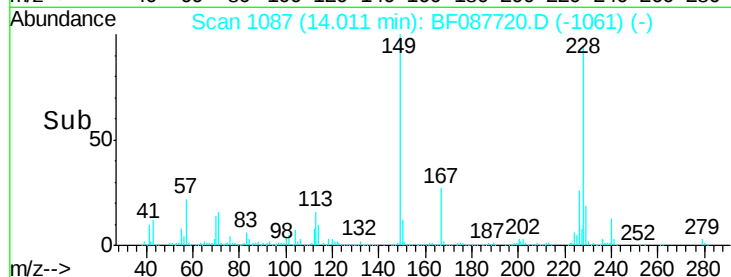
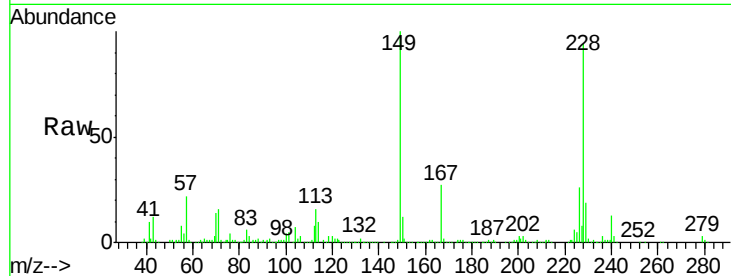
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.32 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.6	20.5	30.7
279	3.3	2.0	3.0#

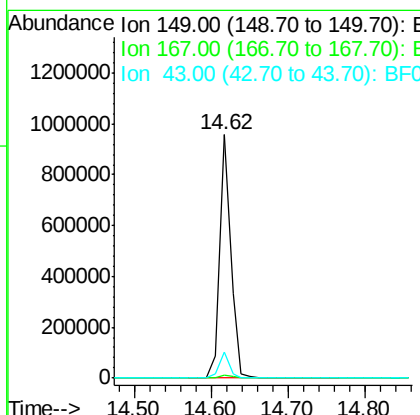
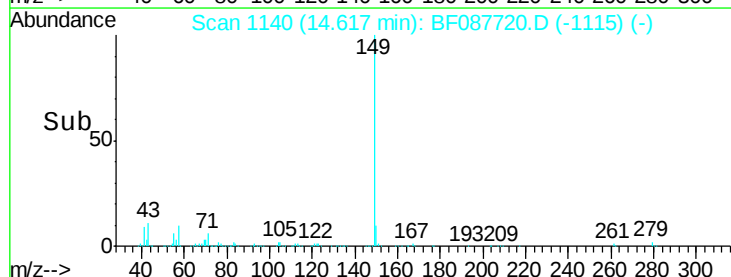
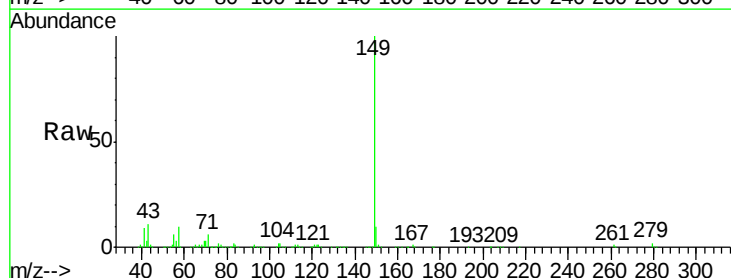
Manual Integrations
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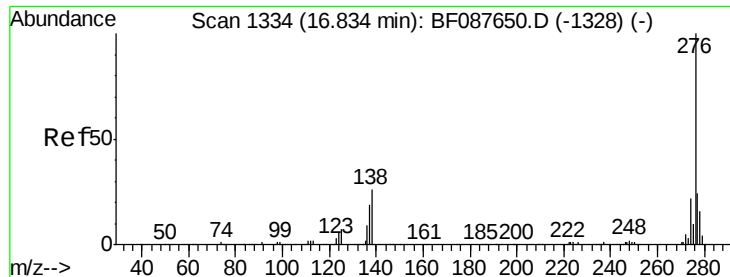
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#84
 Di-n-octyl phthalate
 Concen: 48.60 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.8	0.0	0.0#





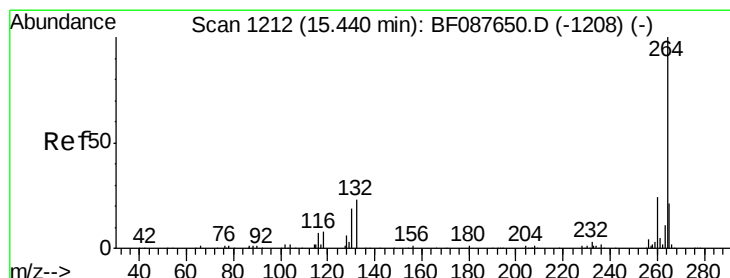
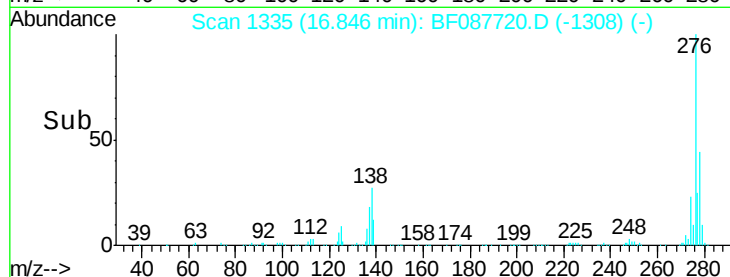
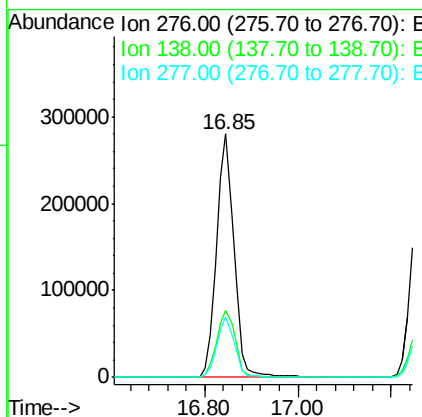
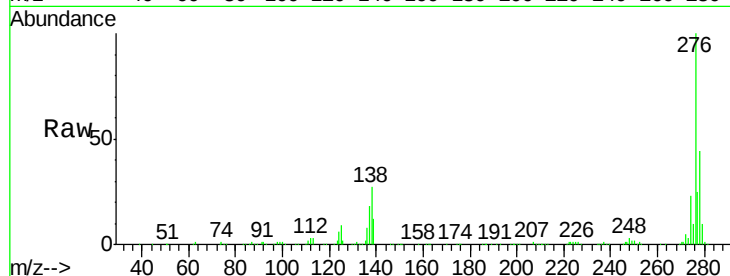
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.41 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.5	0.0	0.0#
277	25.0	0.0	0.0#

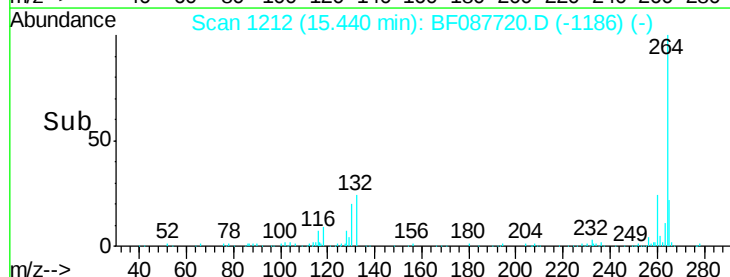
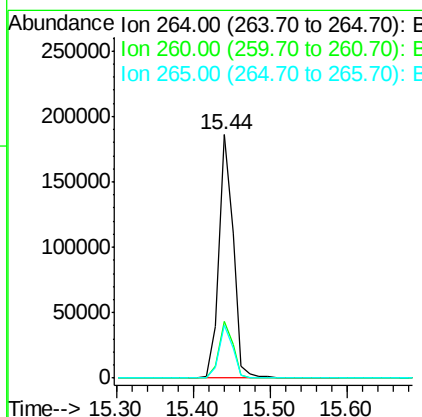
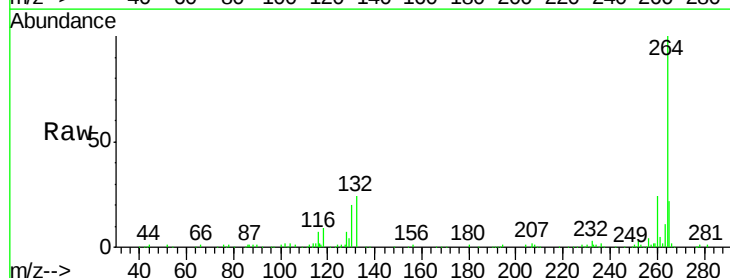
Manual Integrations
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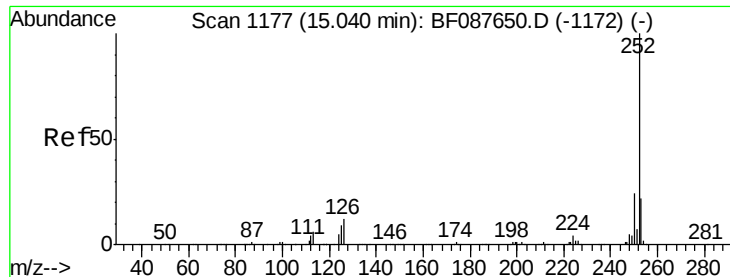
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3





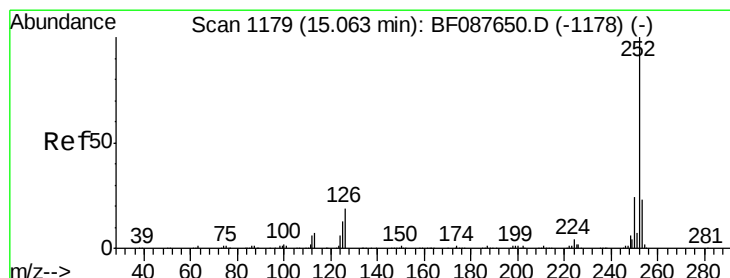
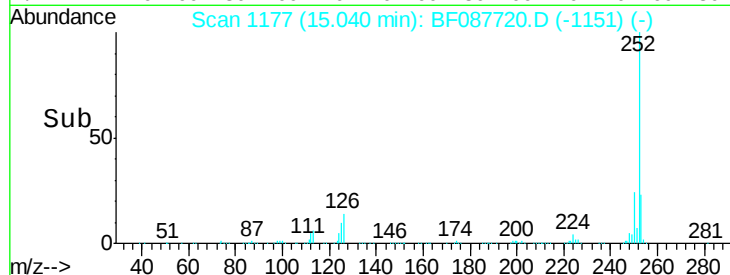
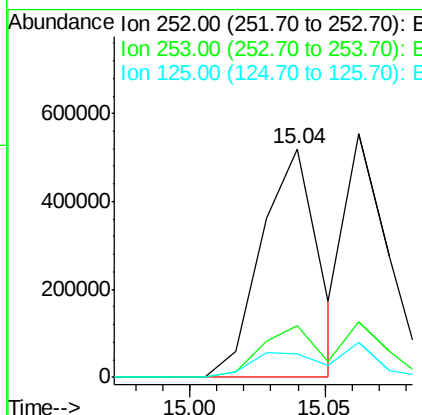
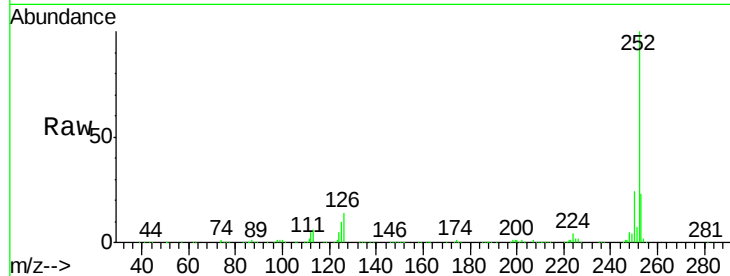
#87
Benzo(b)fluoranthene
Concen: 48.19 ng m
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.4	7.1	10.7

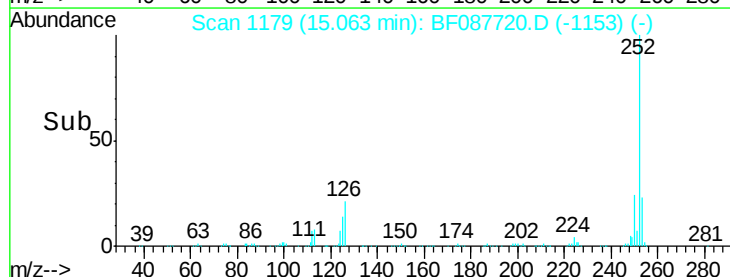
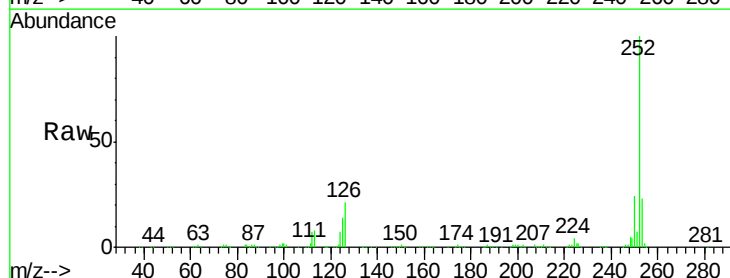
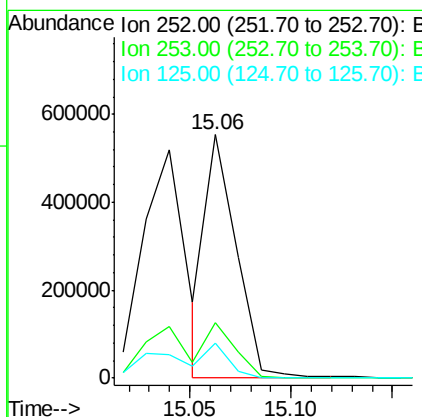
Manual Integrations
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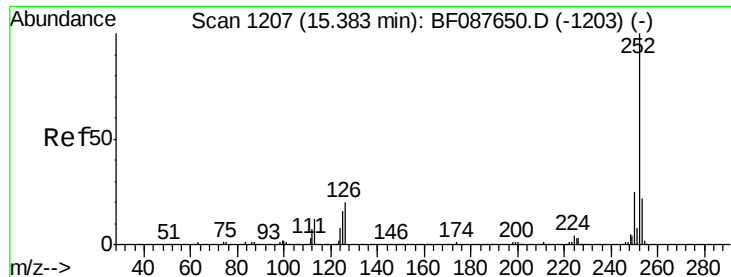
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#88
Benzo(k)fluoranthene
Concen: 44.96 ng m
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	14.2	11.2	16.8





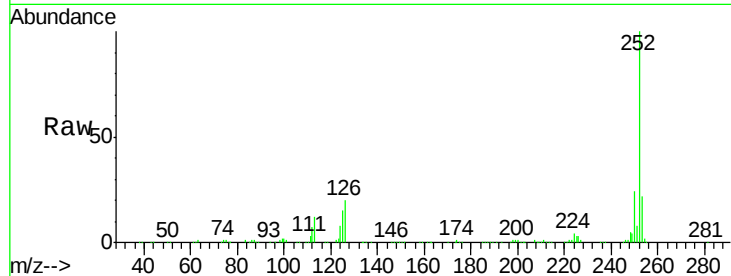
#89
Benzo(a)pyrene
Concen: 49.16 ng
RT: 15.38 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

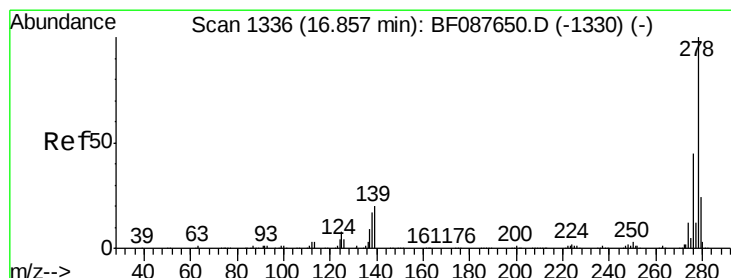
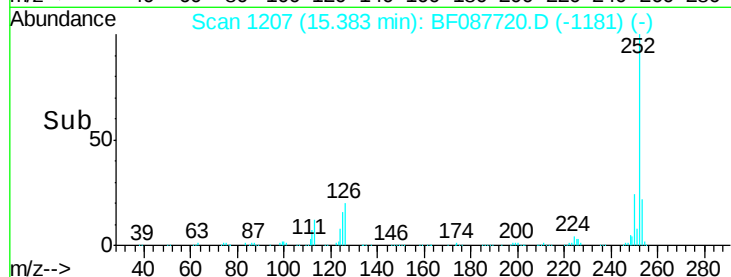
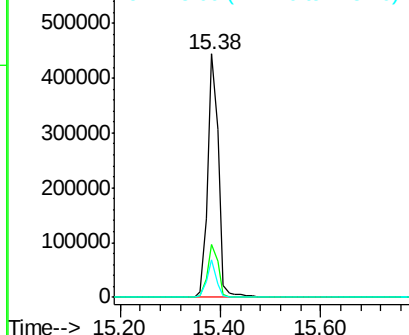
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	15.5	12.5	18.7

Manual Integrations
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6/6/2016 7:25:07 PM



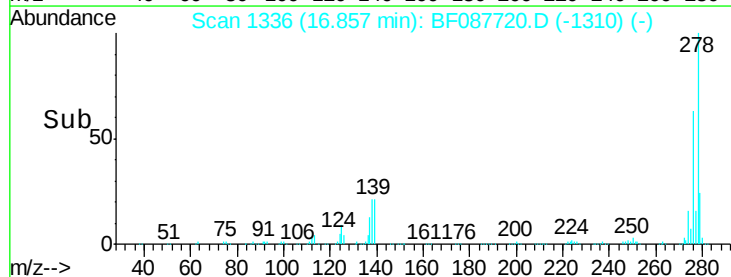
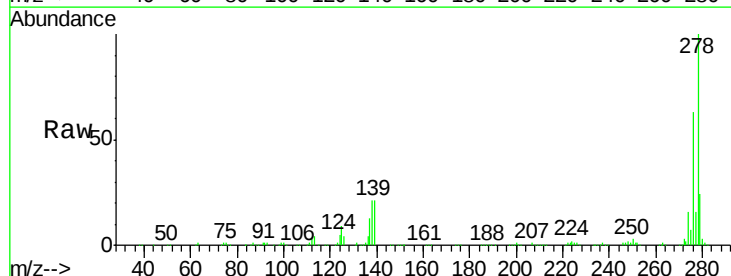
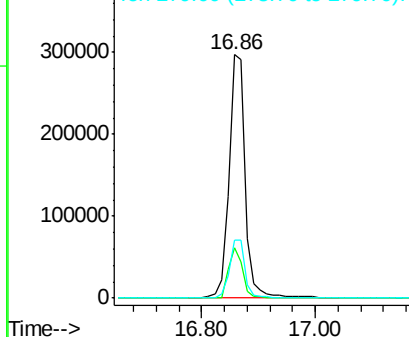
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

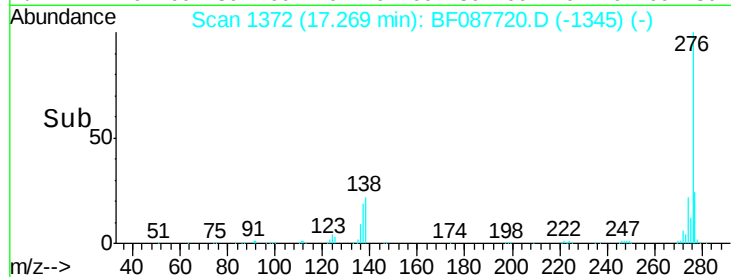
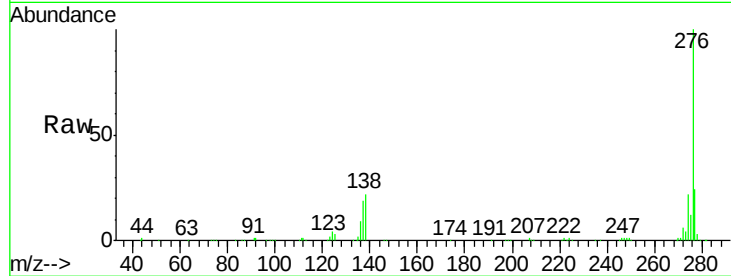
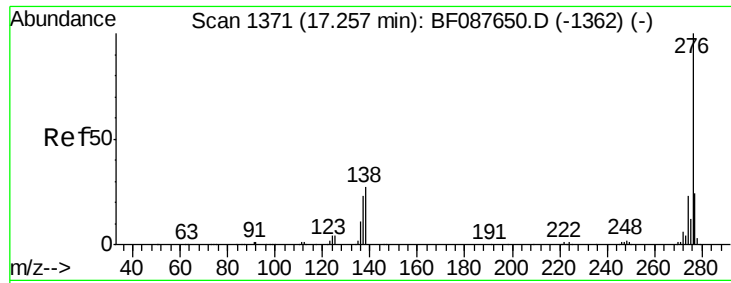


#90
Dibenzo(a,h)anthracene
Concen: 52.51 ng
RT: 16.86 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.7	23.5
279	24.1	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 52.68 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	18.9	28.3
138	22.3	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:25:07 PM

