

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087727.D
 Acq On : 6 Jun 2016 00:52
 Operator : UM/SJ
 Sample : H3378-03MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Manual Integrations
 APPROVED

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 6/6/2016 7:25:11 PM

Quant Time: Jun 06 04:40:17 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	114972	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	482921	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	228174	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	409081	20.00	ng	0.00
75) Chrysene-d12	14.02	240	263331	20.00	ng	0.00
86) Perylene-d12	15.44	264	234712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1072475	150.77	ng	0.02
7) Phenol-d6	6.50	99	1296087	145.29	ng	0.01
23) Nitrobenzene-d5	7.43	82	811057	97.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	323599	141.28	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1500038	113.11	ng	0.00
78) Terphenyl-d14	12.97	244	1085526	100.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	127752	37.16	ng	# 32
3) Pyridine	3.27	79	382233	42.08	ng	94
4) n-Nitrosodimethylamine	3.22	42	170874	44.53	ng	98
6) Aniline	6.52	93	396357	31.35	ng	98
8) 2-Chlorophenol	6.65	128	405926	49.59	ng	88
9) Benzaldehyde	6.40	77	26744	4.43	ng	86
10) Phenol	6.51	94	549197	54.07	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	374785	50.78	ng	89
12) 1,3-Dichlorobenzene	6.80	146	373859	42.66	ng	100
13) 1,4-Dichlorobenzene	6.88	146	395592	44.99	ng	99
14) 1,2-Dichlorobenzene	7.04	146	357654	43.38	ng	99
15) Benzyl Alcohol	7.00	79	296875	45.04	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	487182	45.26	ng	96
17) 2-Methylphenol	7.12	107	314352	47.83	ng	99
18) Hexachloroethane	7.37	117	141939	46.16	ng	# 82
19) n-Nitroso-di-n-propylamine	7.29	70	276677	49.66	ng	# 87
20) 3+4-Methylphenols	7.28	107	401135	49.82	ng	# 78
22) Acetophenone	7.28	105	494979	45.25	ng	# 90
24) Nitrobenzene	7.45	77	442541	52.98	ng	96
25) Isophorone	7.69	82	724978	47.71	ng	100
26) 2-Nitrophenol	7.76	139	201610	51.94	ng	97
27) 2,4-Dimethylphenol	7.80	122	368045	45.75	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	454693	47.17	ng	# 96
29) 2,4-Dichlorophenol	8.00	162	333315	50.45	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	334612	48.37	ng	99
31) Naphthalene	8.17	128	1111137	47.32	ng	100
32) Benzoic acid	7.88	122	55072	11.35	ng	99
33) 4-Chloroaniline	8.22	127	266452	26.12	ng	98
34) Hexachlorobutadiene	8.30	225	168182	46.76	ng	99
35) Caprolactam	8.60	113	119192m	54.92	ng	
36) 4-Chloro-3-methylphenol	8.71	107	376351	55.07	ng	96
37) 2-Methylnaphthalene	8.86	142	734576	47.38	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	288592	45.89	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	289651	78.31	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	260662	54.89	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	224902	50.89	nq	97
45) 1,1'-Biphenyl	9.32	154	790730	42.70	nq	99
46) 2-Chloronaphthalene	9.35	162	660421	44.80	nq	100
47) 2-Nitroaniline	9.45	65	233287	56.21	nq	# 65
48) Acenaphthylene	9.77	152	1165933	50.72	nq	99
49) Dimethylphthalate	9.63	163	826030	49.80	nq	99
50) 2,6-Dinitrotoluene	9.69	165	183697	48.67	nq	# 70
51) Acenaphthene	9.94	154	718205	48.56	nq	99
52) 3-Nitroaniline	9.86	138	152747	35.38	nq	# 68
53) 2,4-Dinitrophenol	9.95	184	82189	49.54	nq	# 81
54) Dibenzofuran	10.11	168	1034116	51.35	nq	95
55) 4-Nitrophenol	10.02	139	324217	87.87	nq	90
56) 2,4-Dinitrotoluene	10.09	165	224725	46.76	nq	# 64
57) Fluorene	10.46	166	742778	47.19	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	192460	50.55	nq	# 53
59) Diethylphthalate	10.33	149	761104	45.69	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	287982	49.61	nq	98
61) 4-Nitroaniline	10.48	138	210560	50.74	nq	94
62) Azobenzene	10.60	77	815558	48.64	nq	99
64) 4,6-Dinitro-2-methylphenol	10.50	198	111536	49.01	nq	# 57
65) n-Nitrosodiphenylamine	10.57	169	715318	53.39	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	215596	53.15	nq	96
67) Hexachlorobenzene	10.99	284	211733	46.68	nq	97
68) Atrazine	11.10	200	207641	52.32	nq	95
69) Pentachlorophenol	11.19	266	217693	80.77	nq	98
70) Phenanthrene	11.42	178	1072909	48.37	nq	99
71) Anthracene	11.46	178	991901	44.63	nq	99
72) Carbazole	11.61	167	1021830	48.57	nq	100
73) Di-n-butylphthalate	11.95	149	1173529	52.03	nq	100
74) Fluoranthene	12.59	202	975647	44.70	nq	99
76) Benzidine	12.72	184	324150	31.22	nq	98
77) Pyrene	12.82	202	1017931	54.29	nq	100
79) Butylbenzylphthalate	13.45	149	515633	64.61	nq	94
80) Benzo(a)anthracene	14.01	228	761838	50.13	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	183262	42.74	nq	99
82) Chrysene	14.05	228	772142	51.05	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	589459	62.07	nq	# 98
84) Di-n-octyl phthalate	14.62	149	972404	55.07	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	749761	59.97	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	770342	50.45	nq	98
88) Benzo(k)fluoranthene	15.06	252	607471m	47.82	nq	
89) Benzo(a)pyrene	15.38	252	672261	52.38	nq	100
90) Dibenzo(a,h)anthracene	16.87	278	623961	57.13	nq	96
91) Benzo(g,h,i)perylene	17.27	276	629596	57.13	nq	97

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

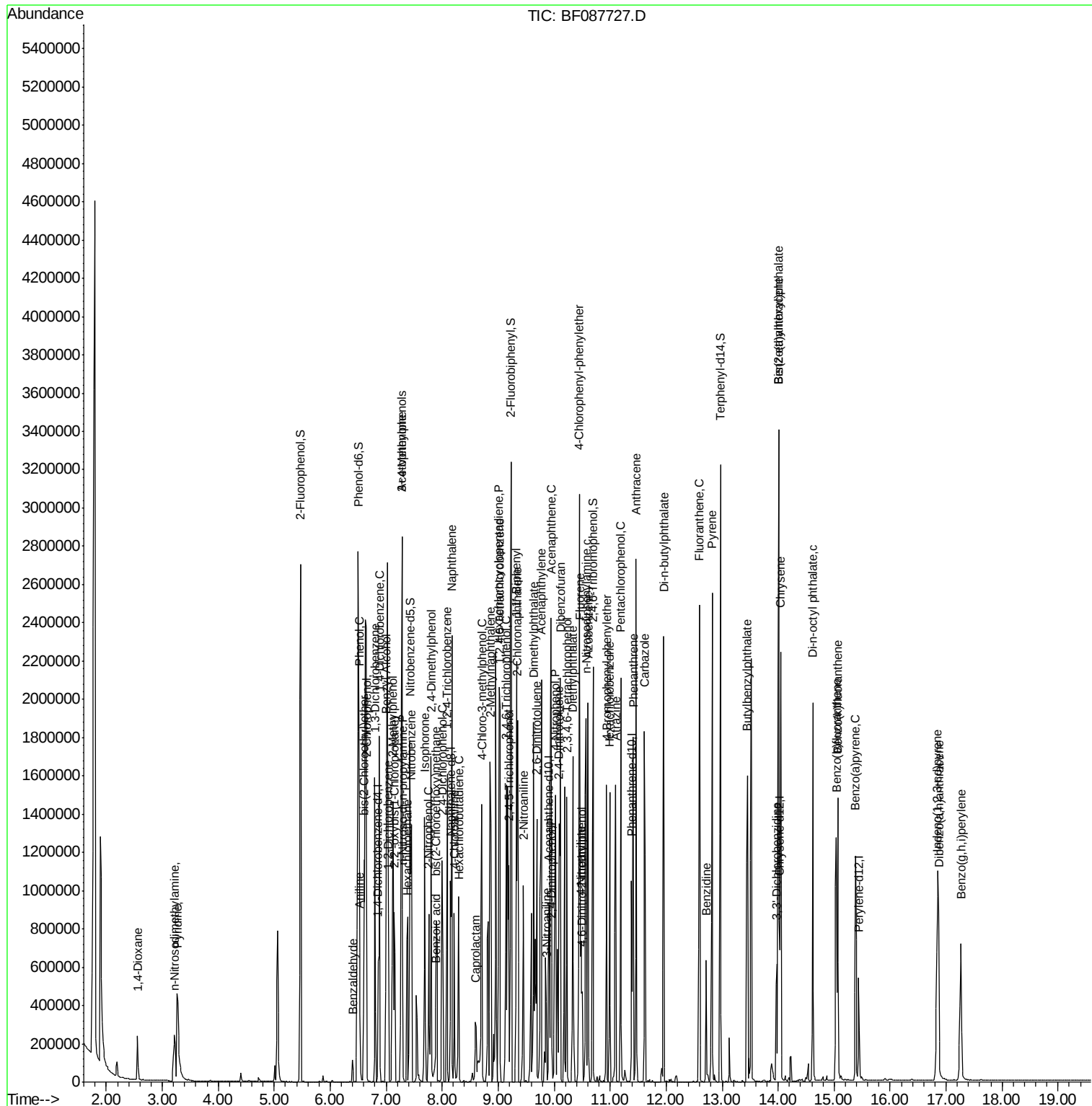
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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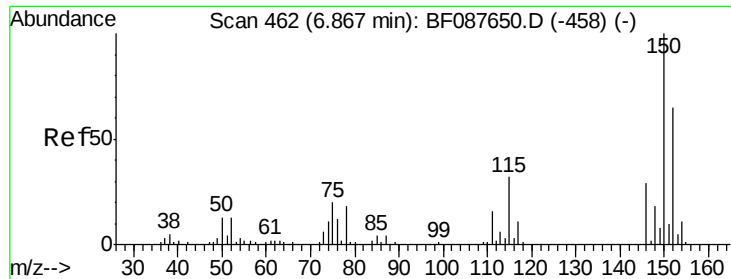
Instrument :
 BNA_F
 ClientSampleID :
 SB-7MSD

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#1

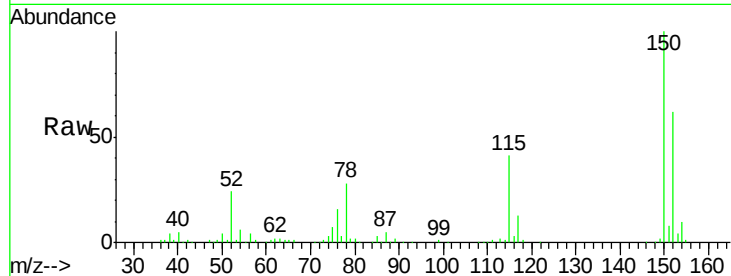
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.8	185.6
115	66.3	39.6	59.4

Manual Integrations
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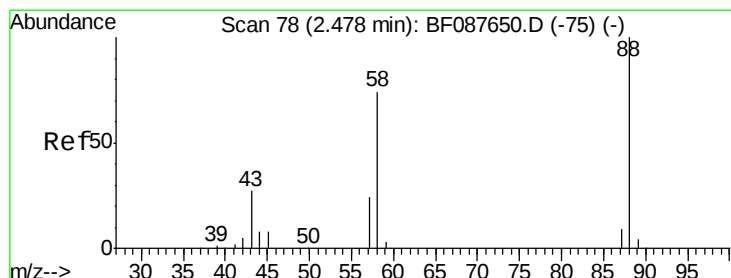
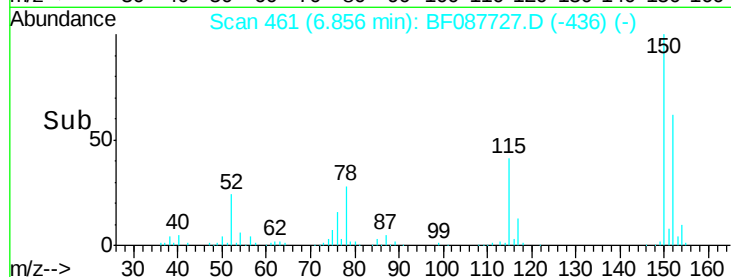
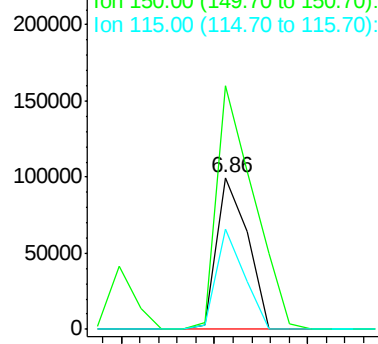


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

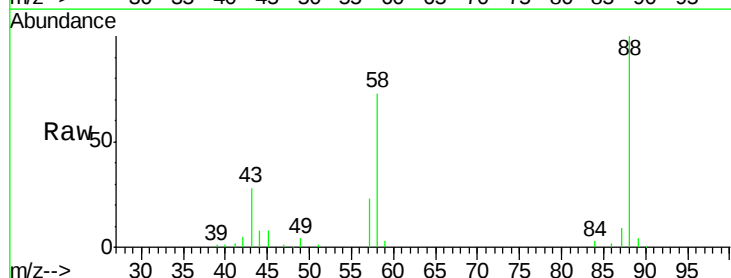
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.16 ng
RT: 2.56 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	0.0	0.0
43	26.8	3.4	5.2

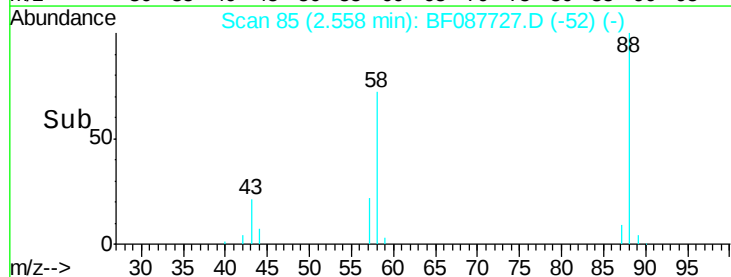
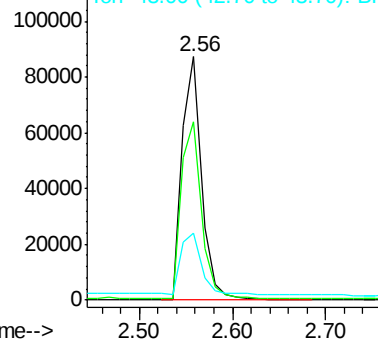


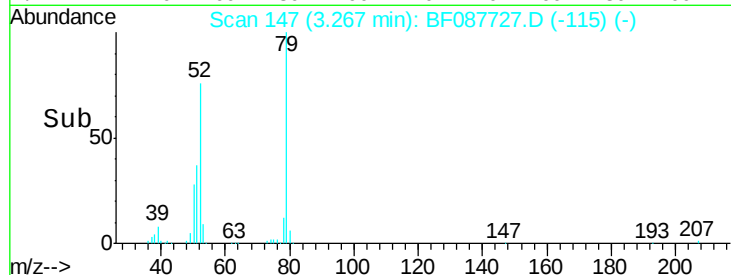
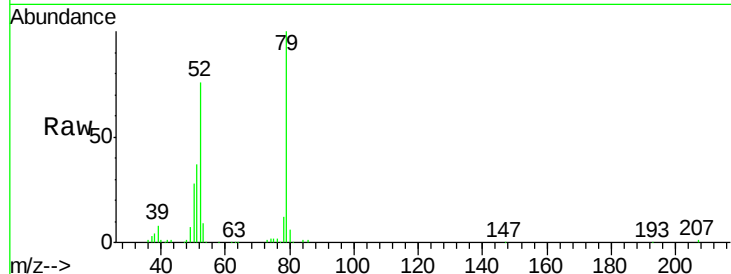
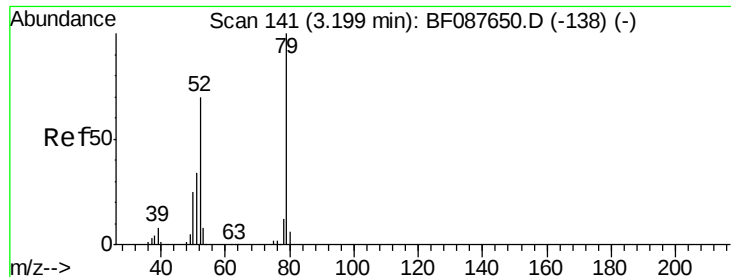
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





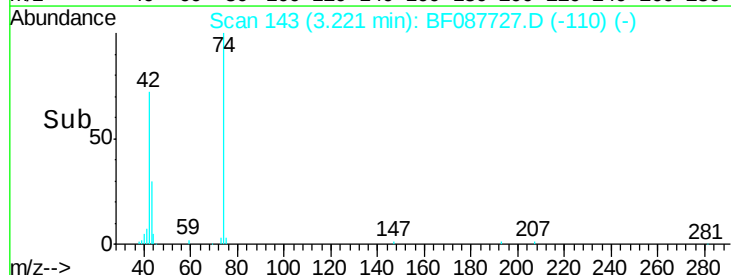
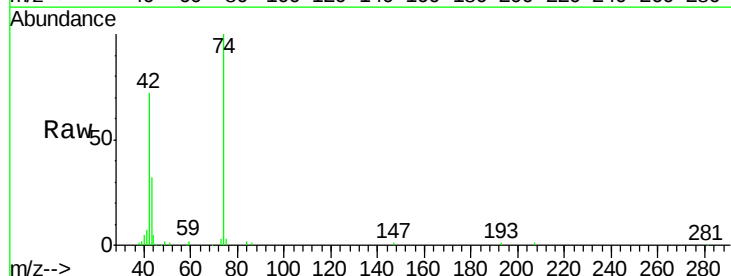
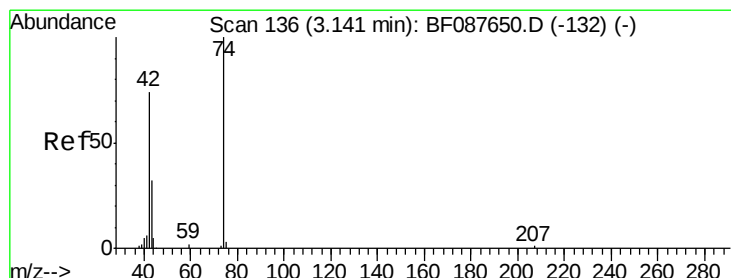
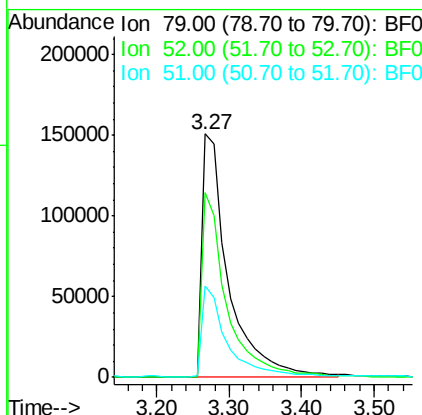
#3
 Pvridine
 Concen: 42.08 ng
 RT: 3.27 min Scan# 147
 Delta R.T. 0.07 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tot Ion:	79	Resp:	382233
Ion Ratio	Lower	Upper	
79	100		
52	75.7	56.3	84.5
51	37.4	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

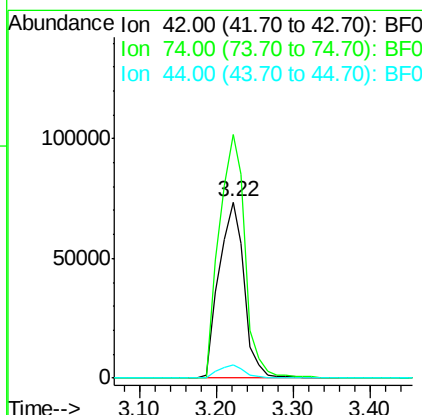
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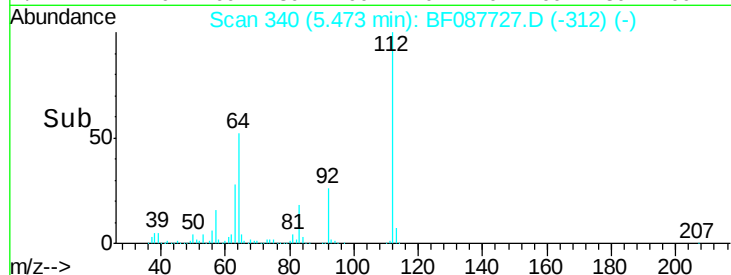
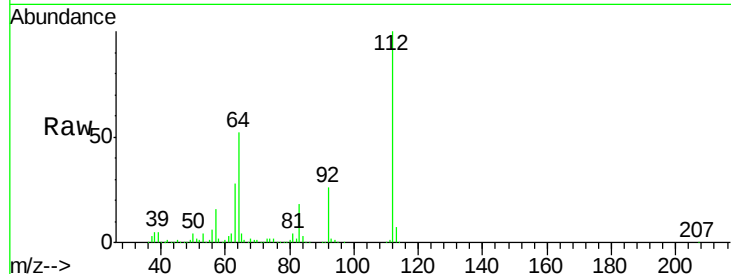
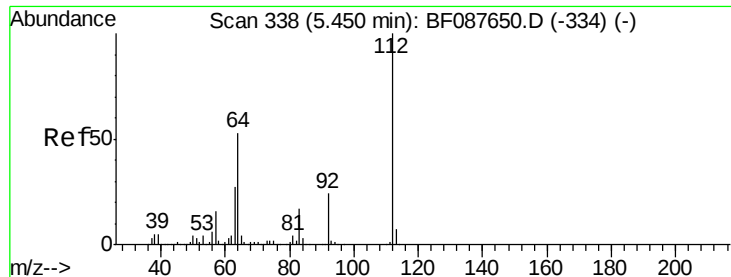
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#4
 n-Nitrosodimethylamine
 Concen: 44.53 ng
 RT: 3.22 min Scan# 143
 Delta R.T. 0.08 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:	42	Resp:	170874
Ion Ratio	Lower	Upper	
42	100		
74	138.2	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 150.77 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tot Ion:	112	Resp:	1072475
Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.2	63.2
63	27.6	21.8	32.8

Instrument :

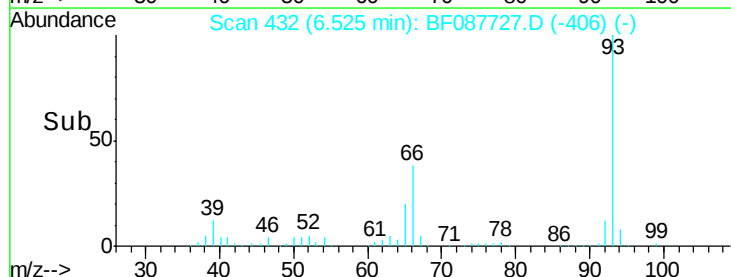
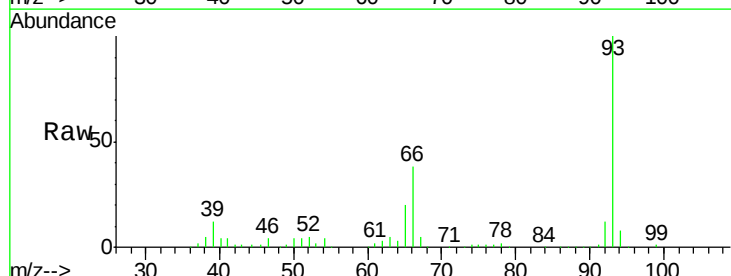
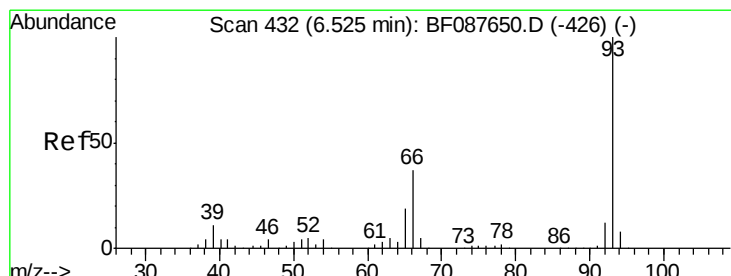
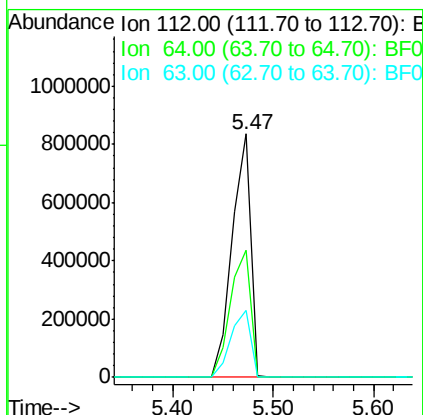
BNA_F

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#6

Aniline

Concen: 31.35 ng

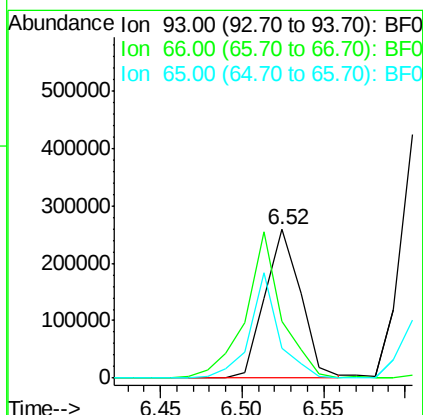
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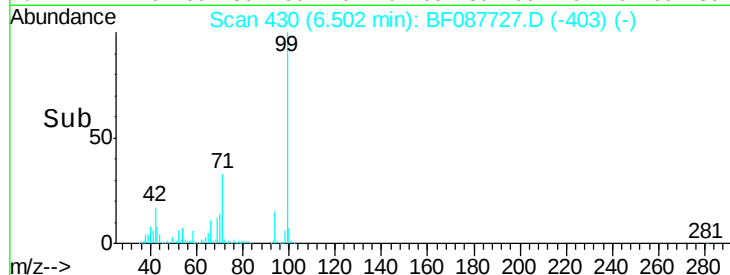
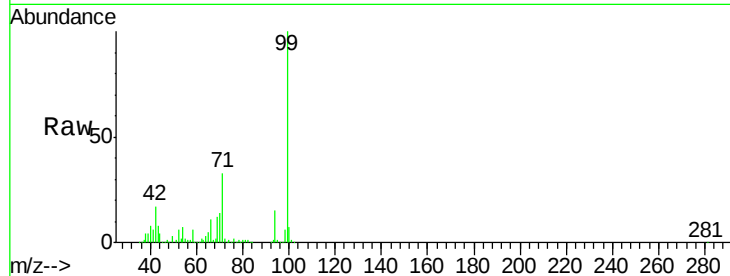
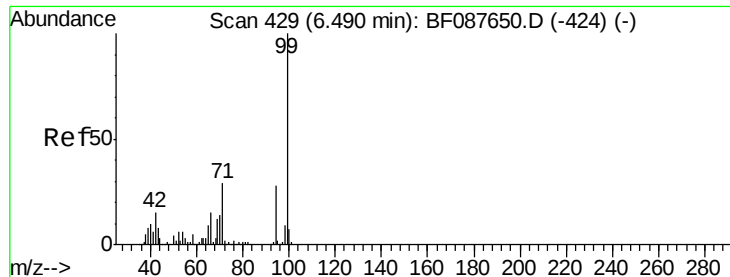
Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:	93	Resp:	396357
Ion	Ratio	Lower	Upper
93	100		
66	38.2	29.8	44.8
65	19.7	14.9	22.3





#7

Phenol-d6

Concen: 145.29 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tot Ion:	99	Resp:	1296087
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.2	18.2
71	33.3	23.4	35.0

Instrument :

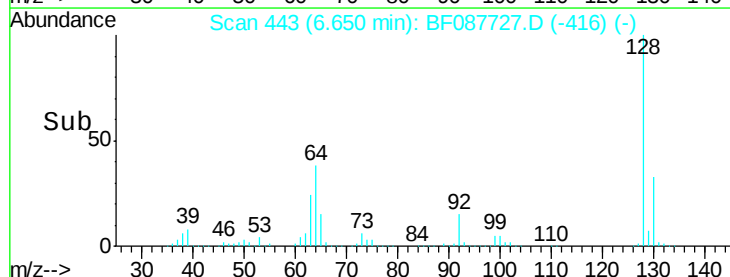
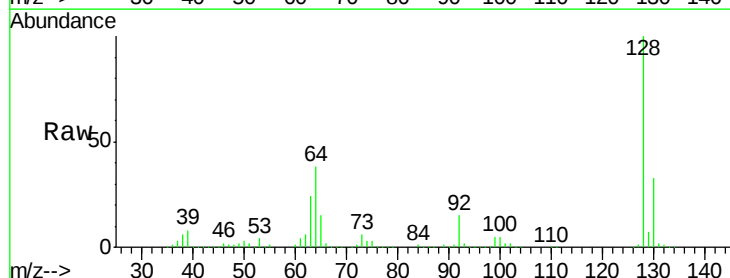
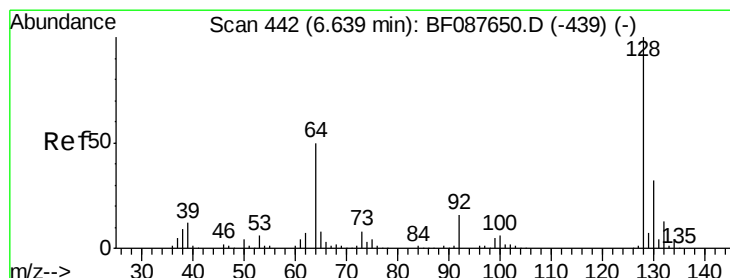
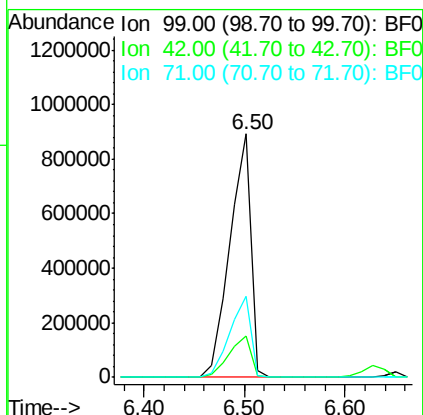
BNA_F

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#8

2-Chlorophenol

Concen: 49.59 ng

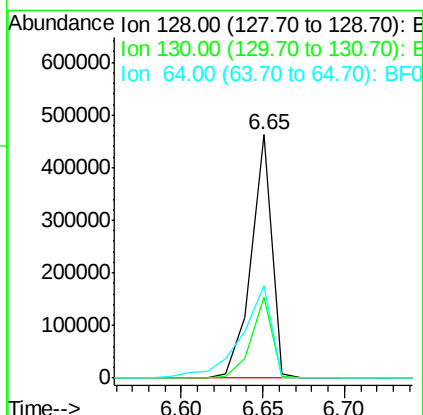
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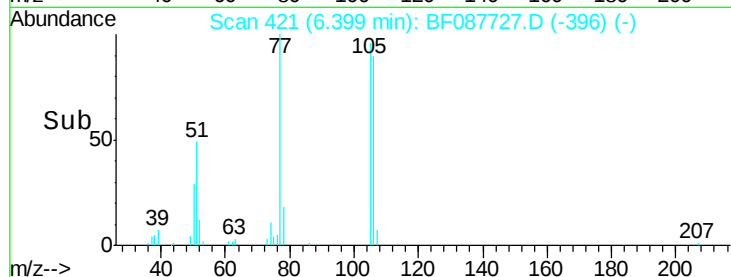
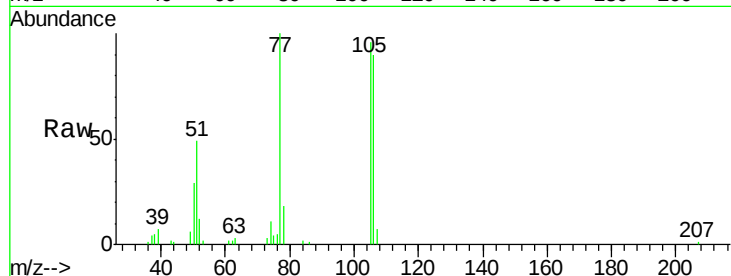
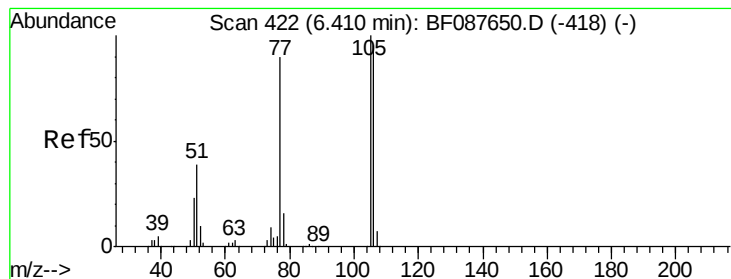
Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:	128	Resp:	405926
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.0	52.0
64	38.3	30.8	70.8





#9

Benzaldehyde

Concen: 4.43 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087727.D

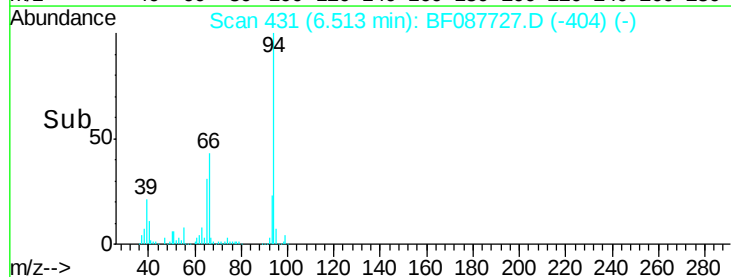
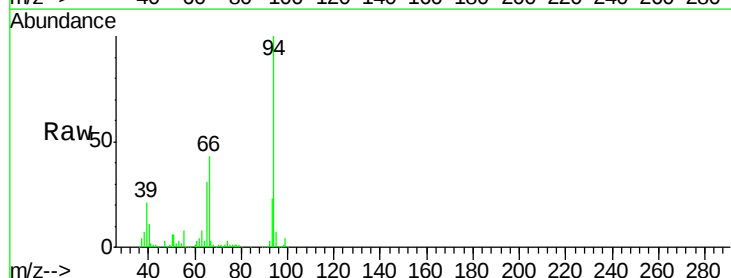
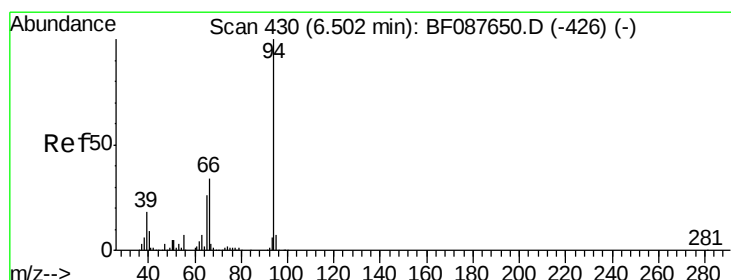
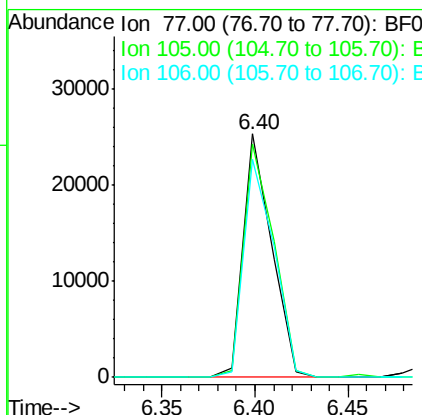
Acq: 6 Jun 2016 00:52

Tot Ion:	77	Resp:	26744
Ion Ratio	Lower	Upper	
77	100		
105	95.9	90.6	130.6
106	89.7	85.3	125.3

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

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#10

Phenol

Concen: 54.07 ng

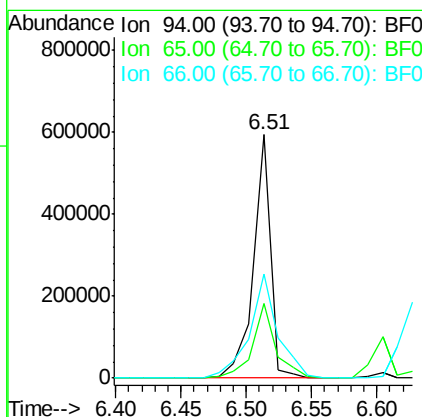
RT: 6.51 min Scan# 431

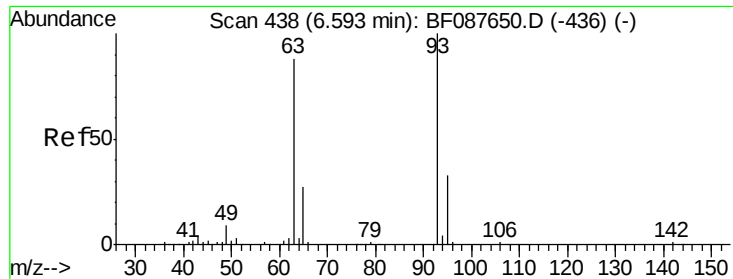
Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:	94	Resp:	549197
Ion Ratio	Lower	Upper	
94	100		
65	30.8	5.9	45.9
66	42.8	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 50.78 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

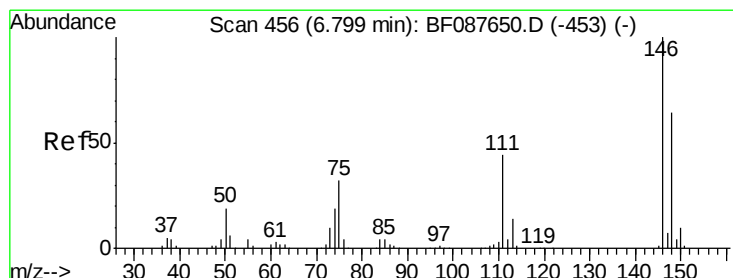
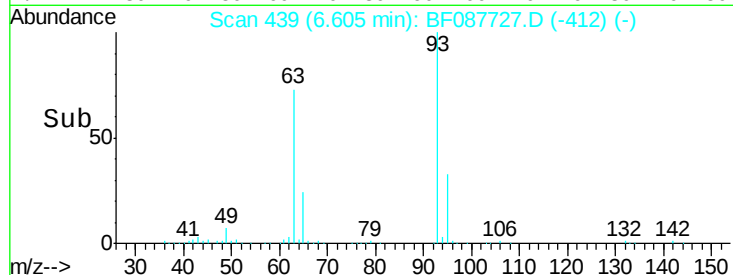
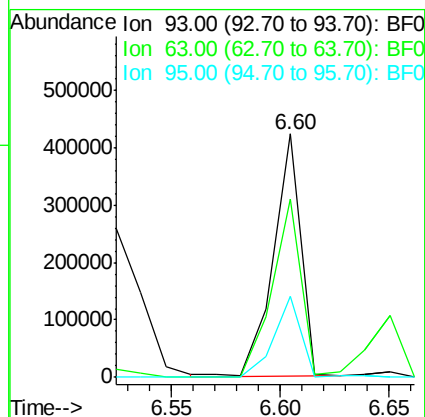
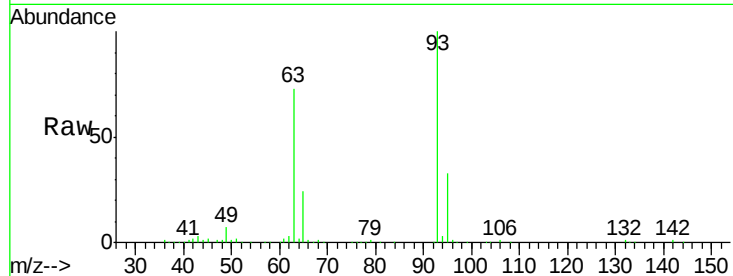
ClientSampleId :

SB-7MSD

Tot Ion:	93	Resp:	374785
Ion Ratio	Lower	Upper	
93	100		
63	73.4	67.6	107.6
95	33.2	12.5	52.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.66 ng

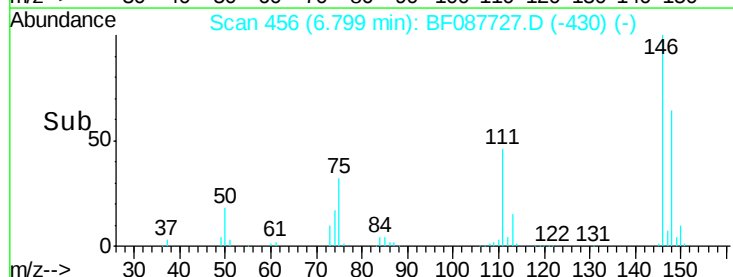
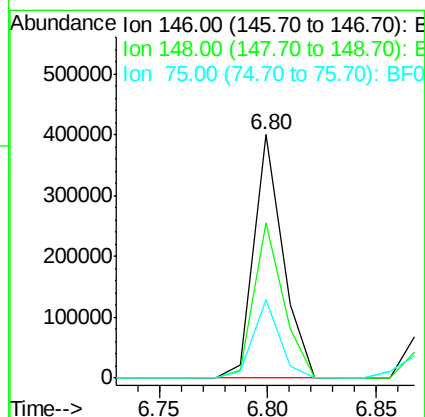
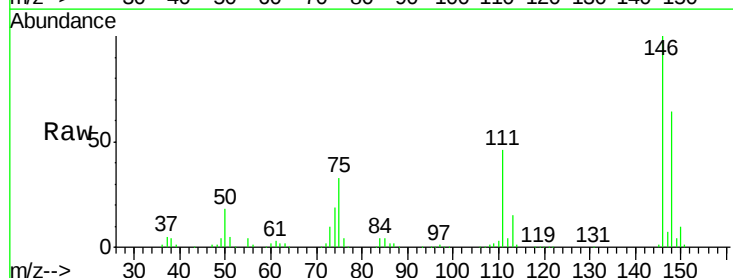
RT: 6.80 min Scan# 456

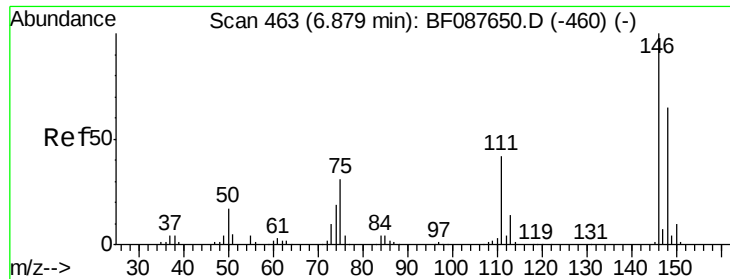
Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:	146	Resp:	373859
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.9	76.3
75	32.5	25.6	38.4





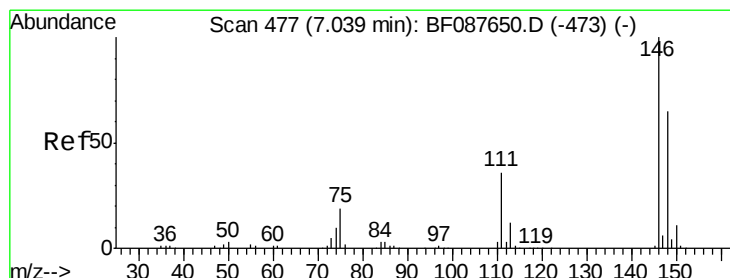
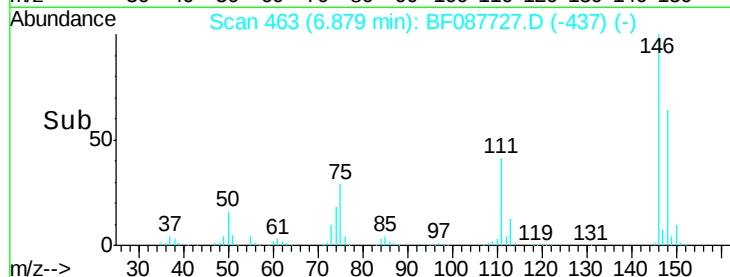
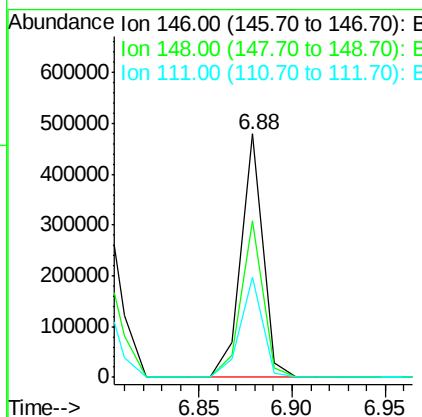
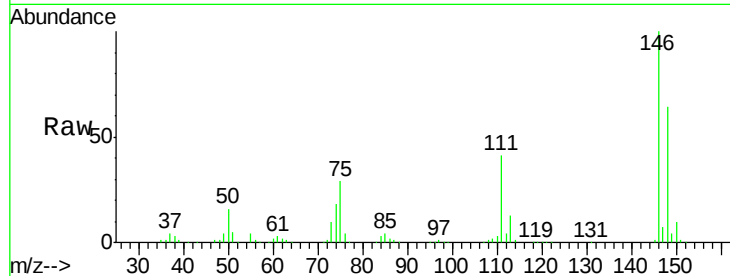
#13
 1,4-Dichlorobenzene
 Concen: 44.99 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
111	41.2	33.8	50.8

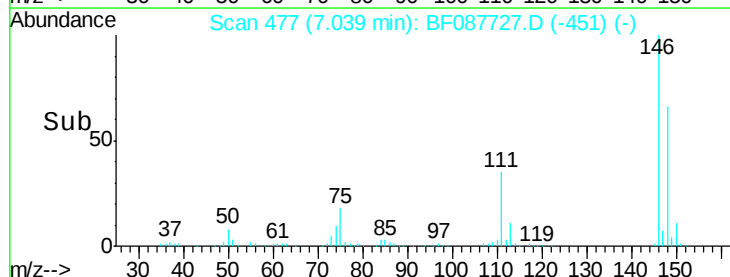
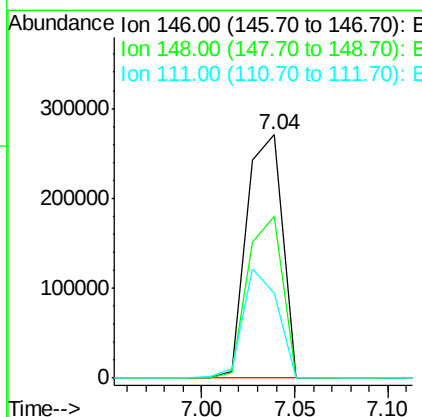
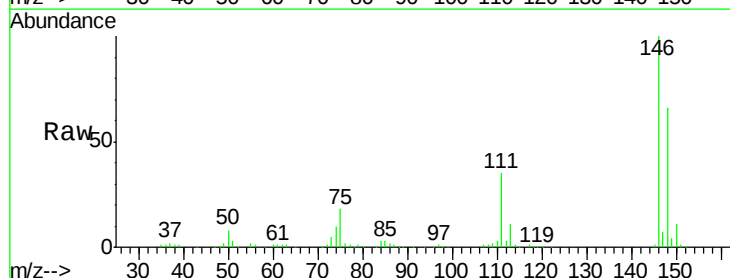
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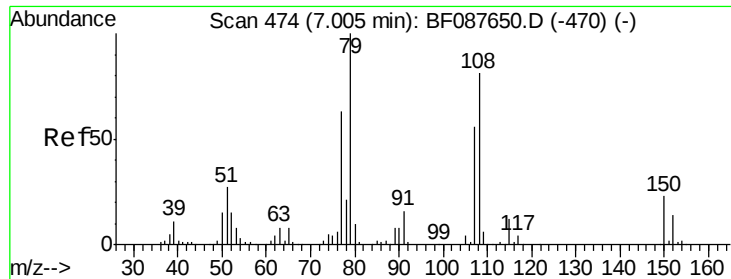
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#14
 1,2-Dichlorobenzene
 Concen: 43.38 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.3	78.5
111	34.9	28.7	43.1





#15

Benzyl Alcohol

Concen: 45.04 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

Tot Ion: 79 Resp: 296875
Ion Ratio Lower Upper

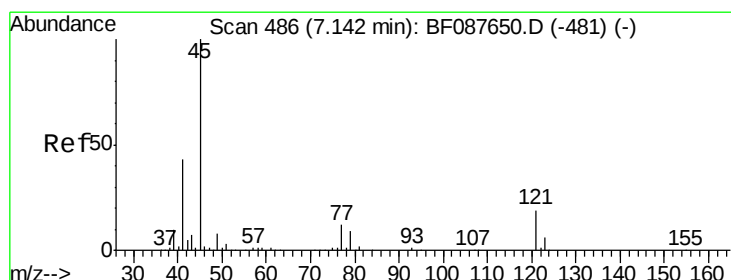
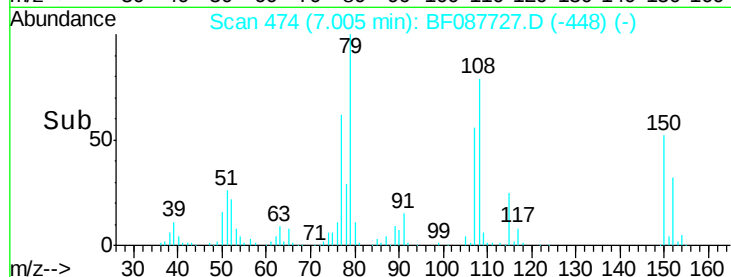
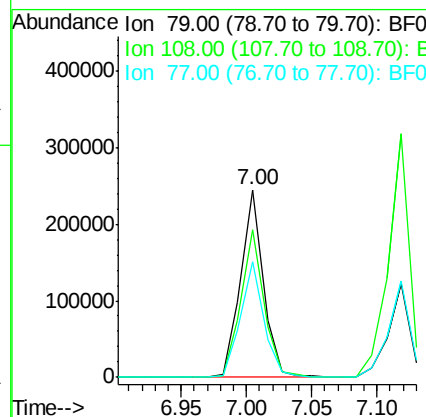
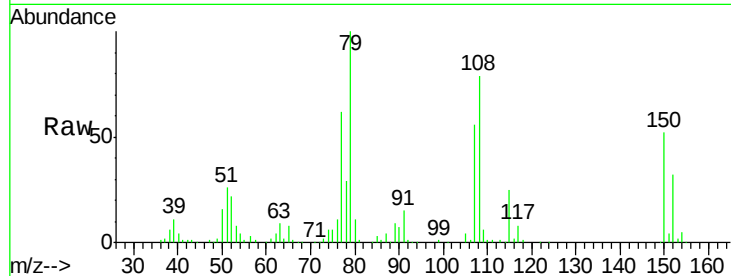
79 100

108 79.0 65.0 97.6

77 61.9 50.3 75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.26 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087727.D

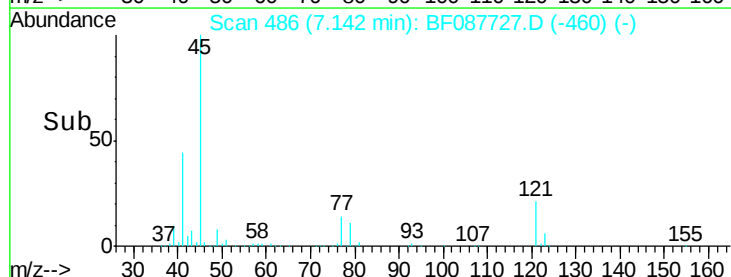
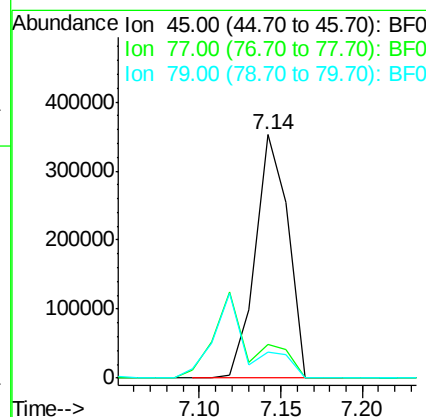
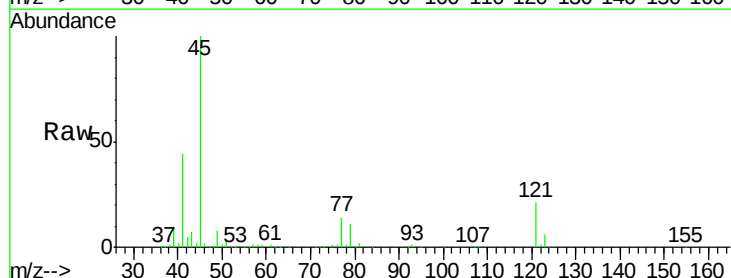
Acq: 6 Jun 2016 00:52

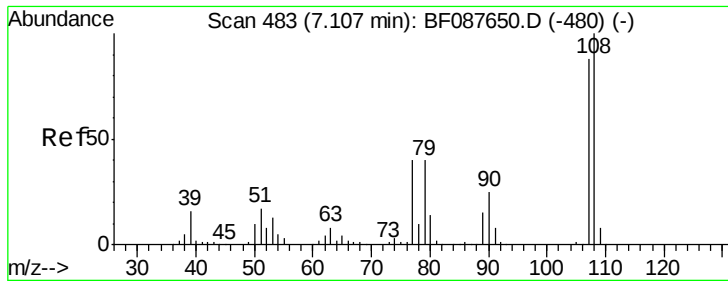
Tgt Ion: 45 Resp: 487182
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.5

79 10.7 0.0 29.5





#17

2-Methylphenol

Concen: 47.83 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

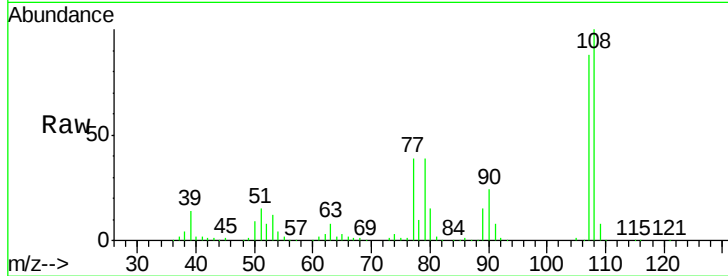
ClientSampleId :

SB-7MSD

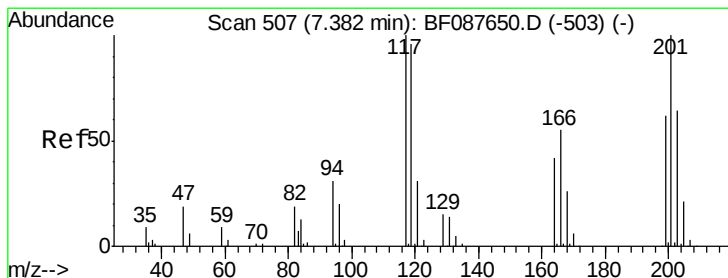
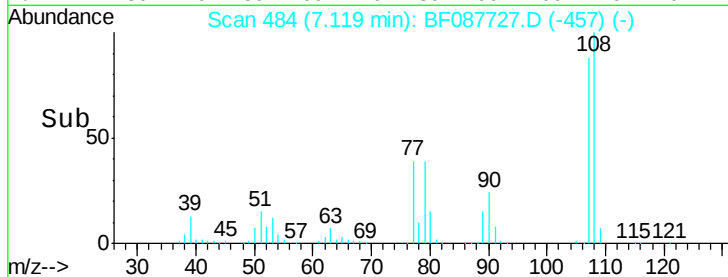
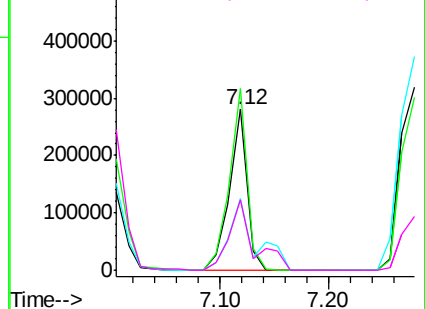
Tot Ion:	107	Resp:	314352
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.9	136.3
77	44.6	36.6	55.0
79	43.8	36.5	54.7

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



#18

Hexachloroethane

Concen: 46.16 ng

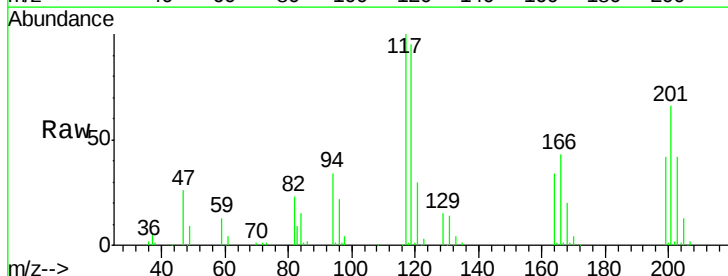
RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

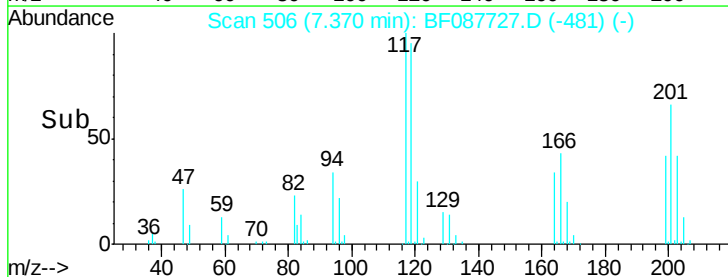
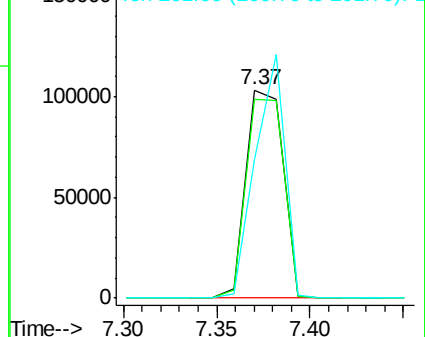
Lab File: BF087727.D

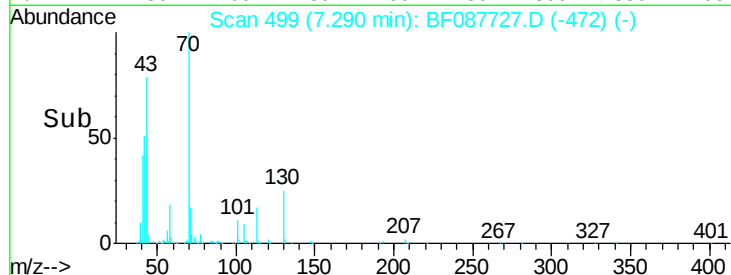
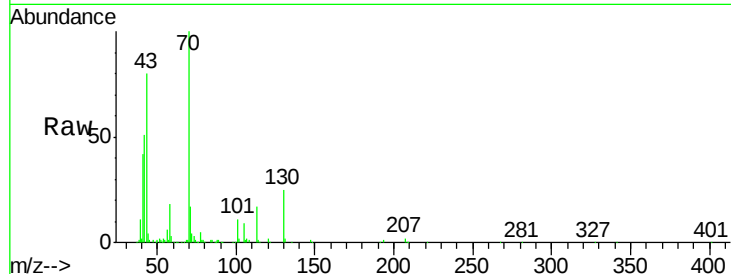
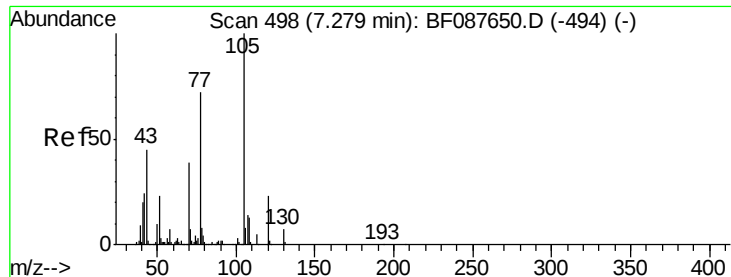
Acq: 6 Jun 2016 00:52

Tgt Ion:	117	Resp:	141939
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.4	116.2
201	66.4	80.4	120.6#



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





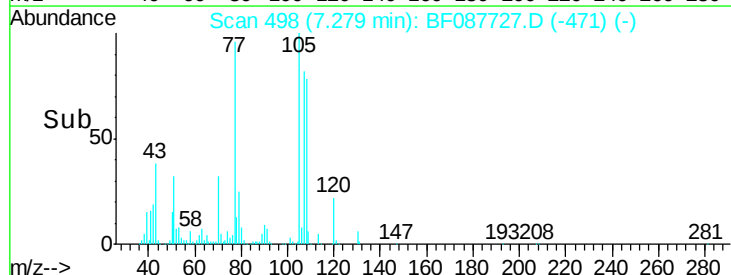
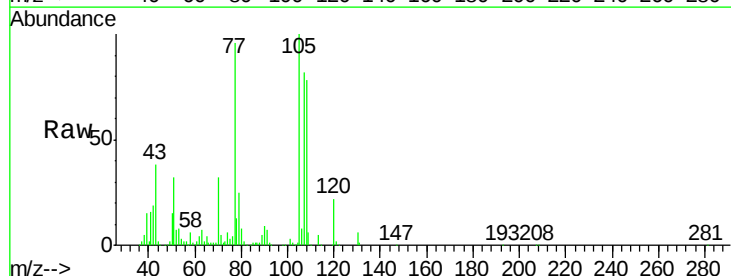
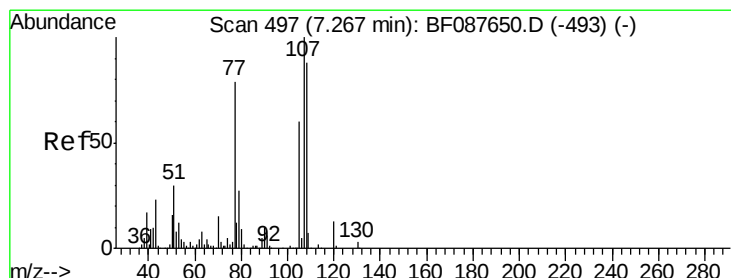
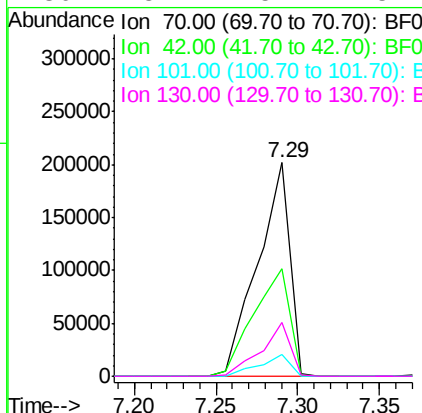
#19
n-Nitroso-di-n-propylamine
Concen: 49.66 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.6	49.6	74.4		
101	10.5	7.1	10.7		
130	25.1	15.4	23.2#		

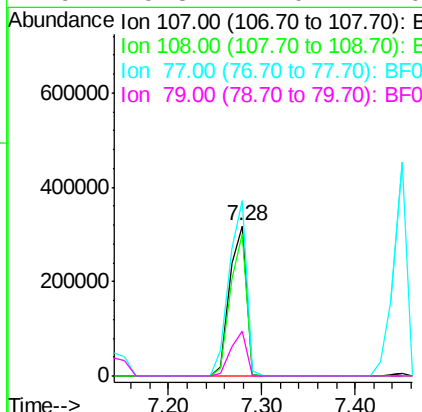
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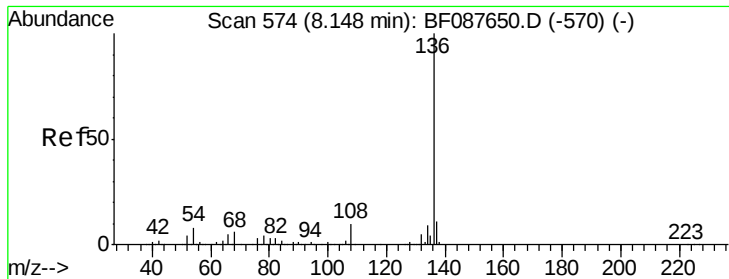
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#20
3+4-Methylphenols
Concen: 49.82 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.5	67.8	107.8		
77	117.1	59.3	99.3#		
79	29.8	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: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

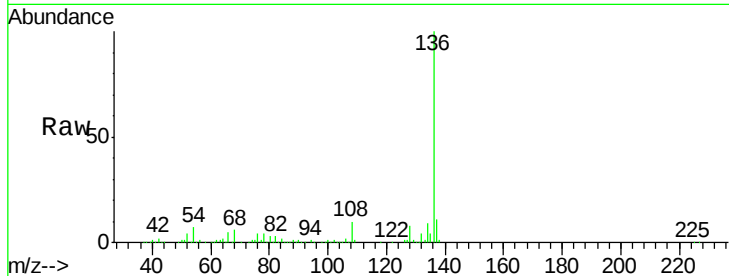
ClientSampleId :

SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	482921		
137	11.1	9.1	13.7	
54	7.4	6.6	10.0	
68	5.9	5.1	7.7	

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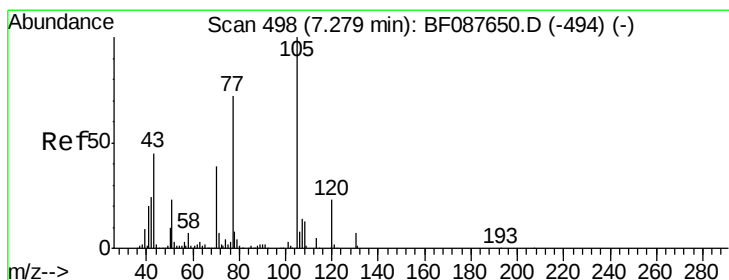
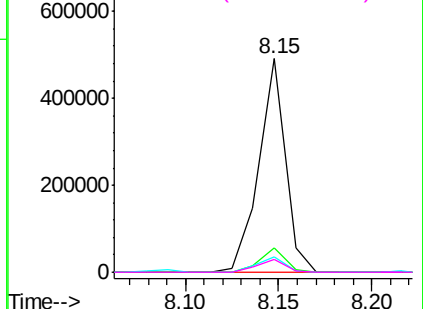
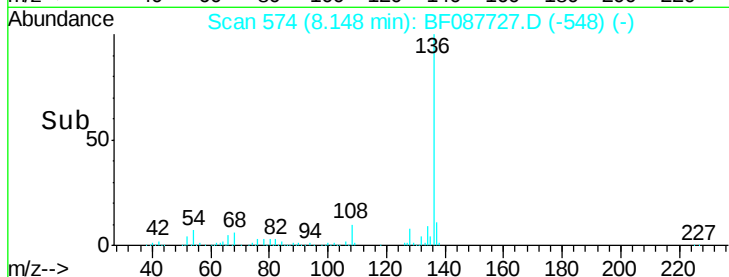


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.25 ng

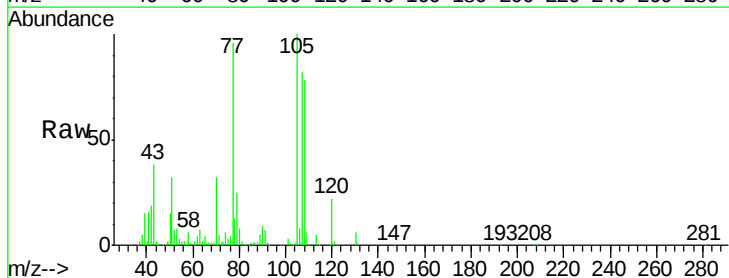
RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494979		
71	5.2	5.3	7.9#	
51	32.4	18.2	27.4#	
120	22.0	18.0	27.0	

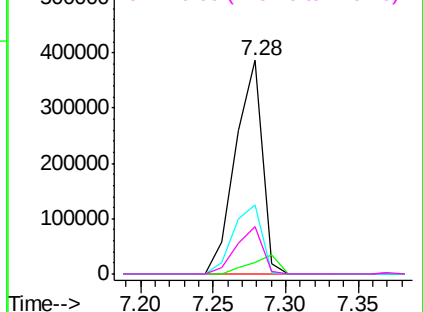
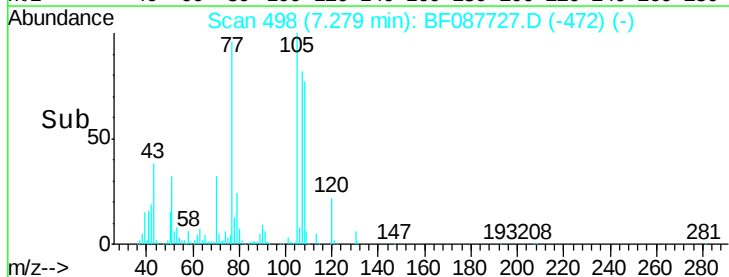


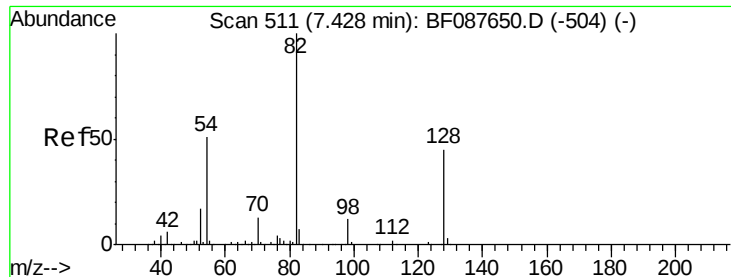
Abundance Ion 105.00 (104.70 to 105.70): E

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





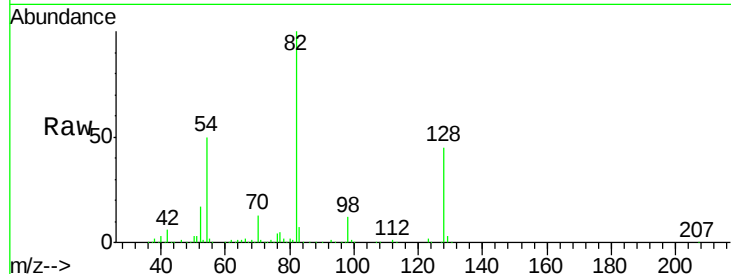
#23
Nitrobenzene-d5
Concen: 97.17 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

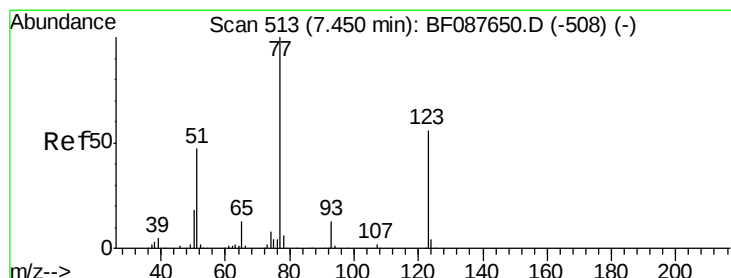
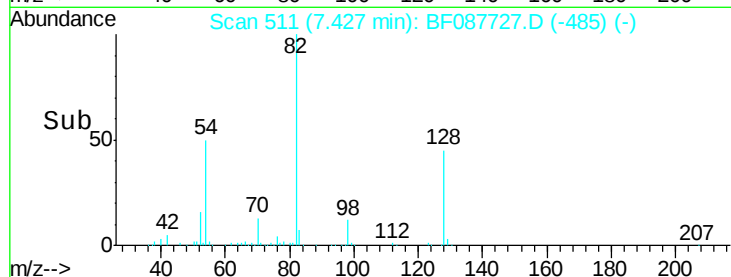
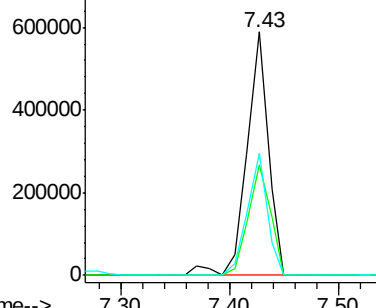
Tot Ion	Ratio	Resp	Lower	Upper
82	100	811057		
128	45.4	35.9	53.9	
54	49.9	40.9	61.3	

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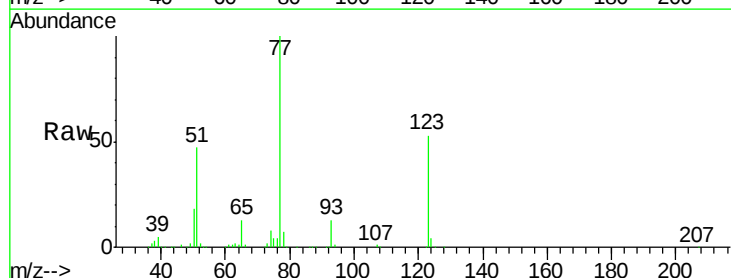


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

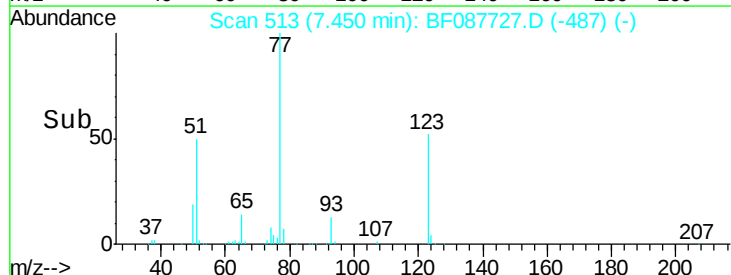
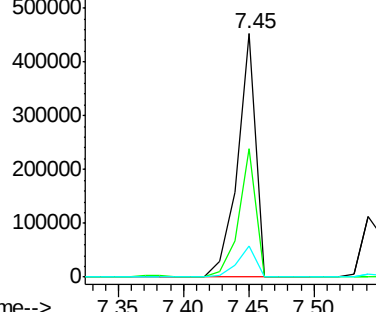


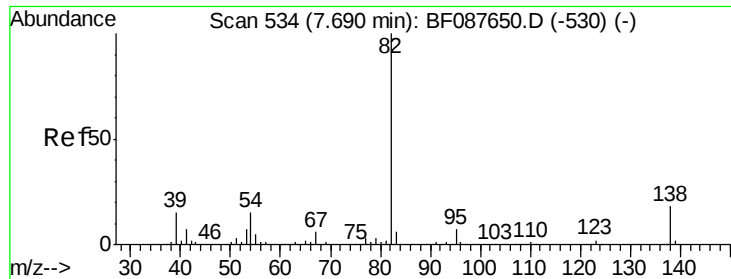
#24
Nitrobenzene
Concen: 52.98 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	442541		
123	52.7	45.0	67.4	
65	12.9	10.2	15.2	



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.71 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

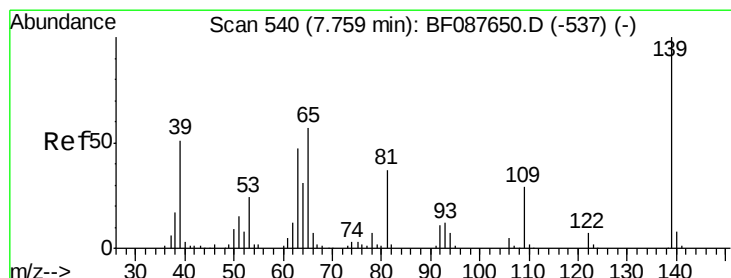
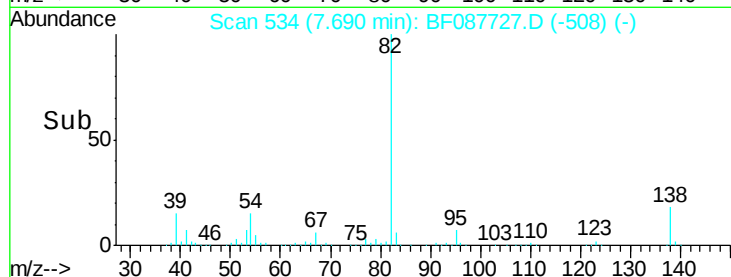
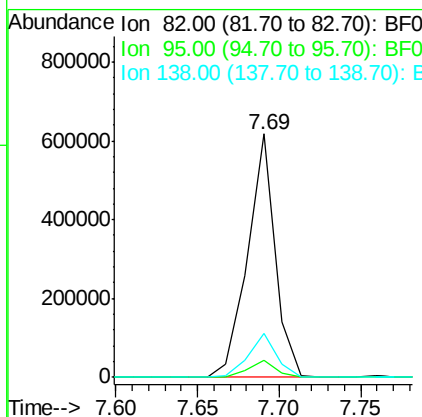
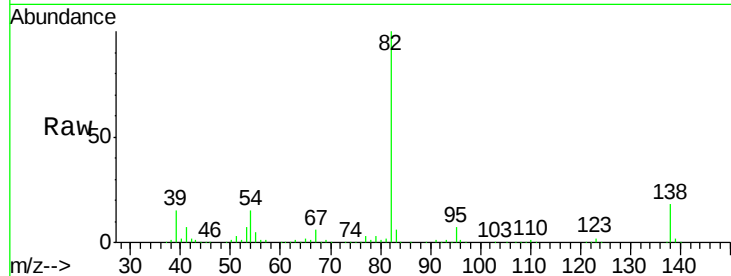
ClientSampleId :

SB-7MSD

Tot Ion:	82	Resp:	724978
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.2	14.6	21.8

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#26

2-Nitrophenol

Concen: 51.94 ng

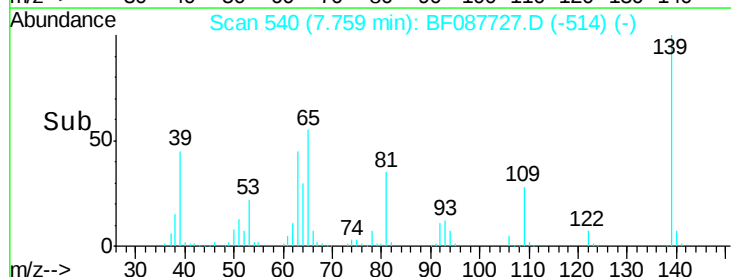
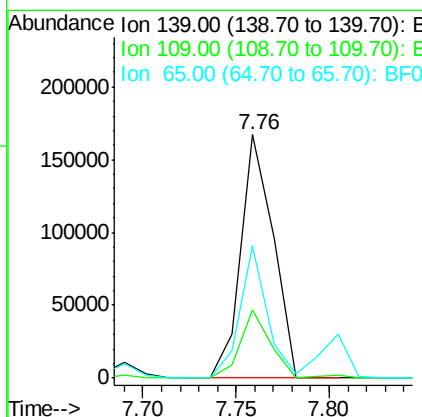
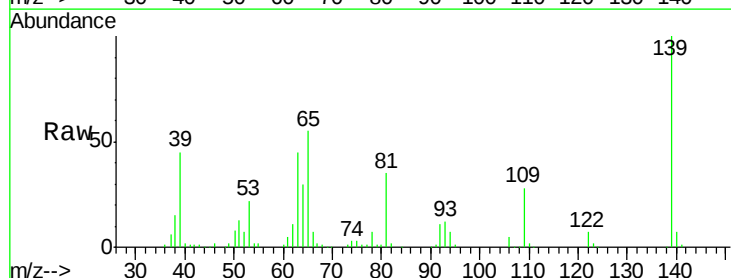
RT: 7.76 min Scan# 540

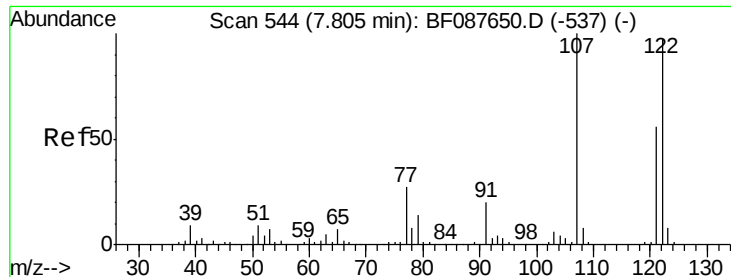
Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:	139	Resp:	201610
Ion Ratio	Lower	Upper	
139	100		
109	28.1	23.0	34.4
65	54.5	45.8	68.8





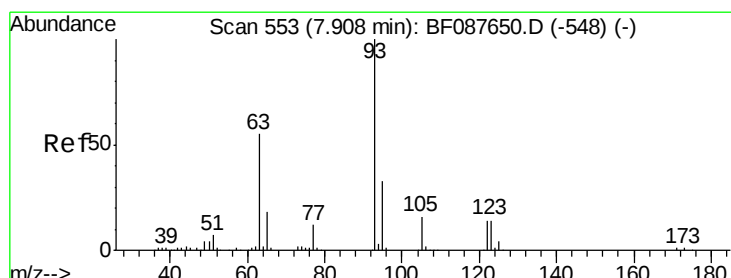
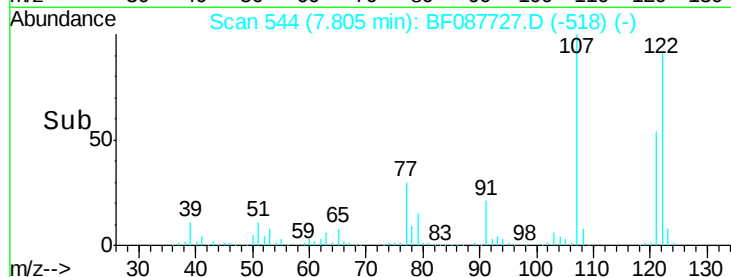
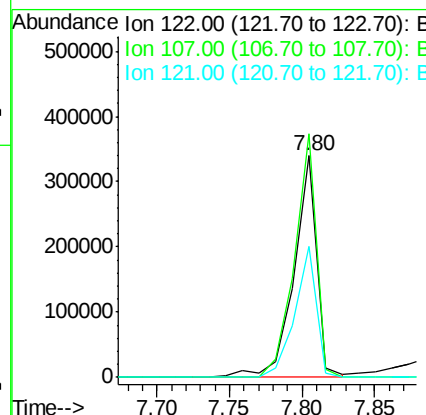
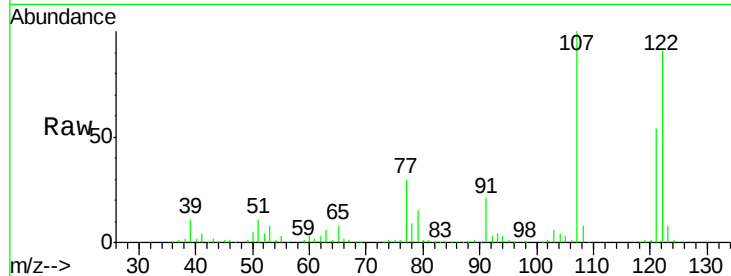
#27
 2,4-Dimethylphenol
 Concen: 45.75 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	368045		
107	109.9	82.4	123.6	
121	59.3	46.3	69.5	

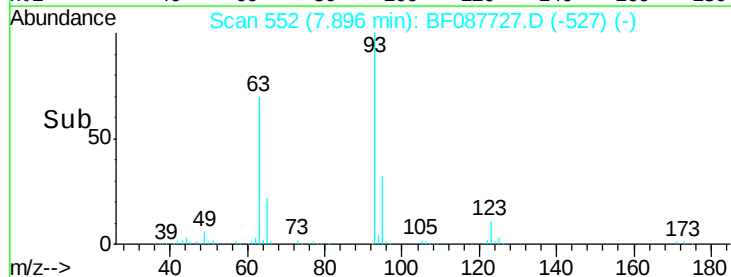
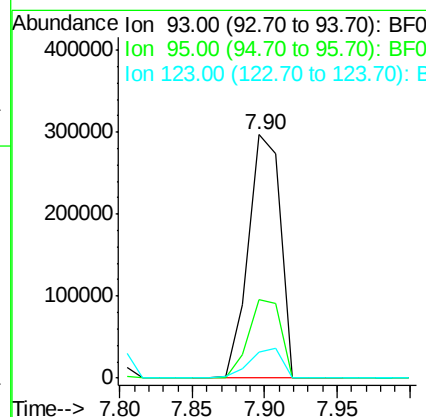
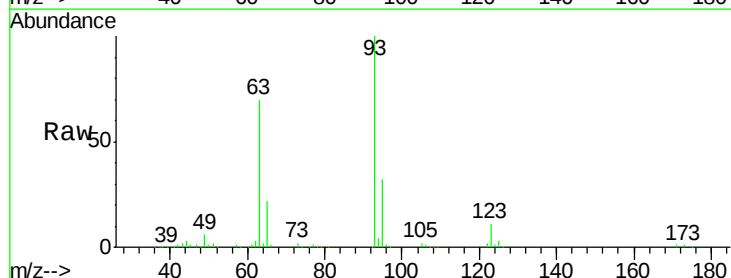
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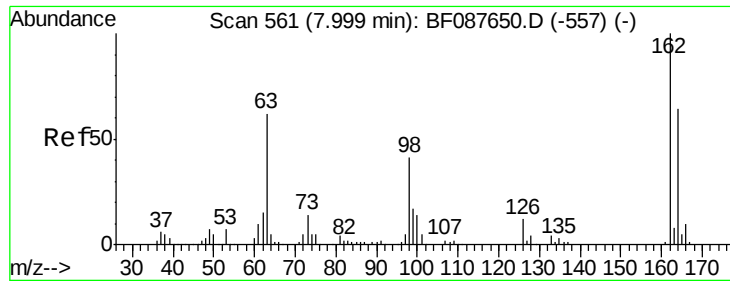
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.17 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	454693		
95	32.3	26.5	39.7	
123	10.8	11.6	17.4#	





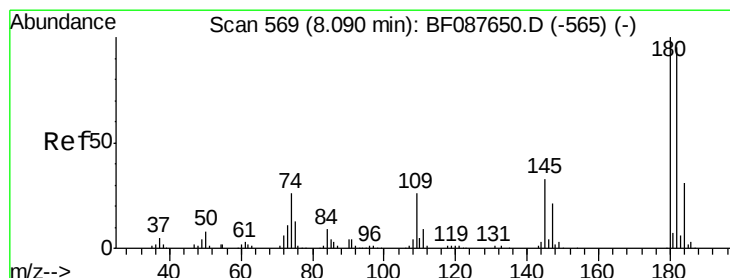
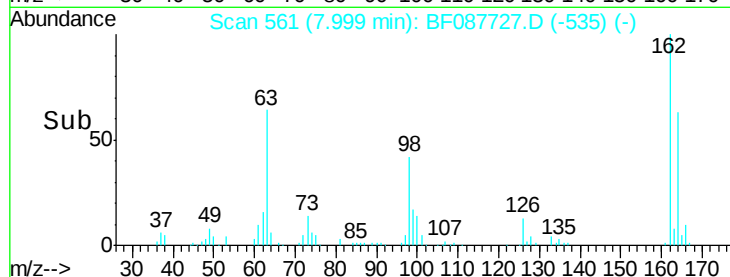
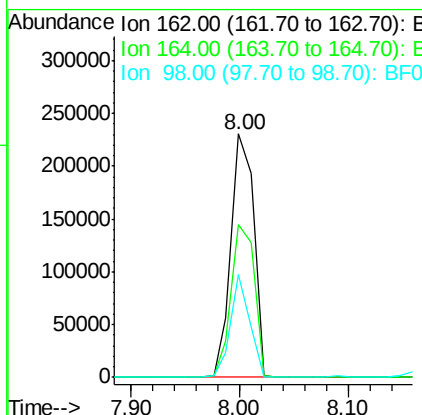
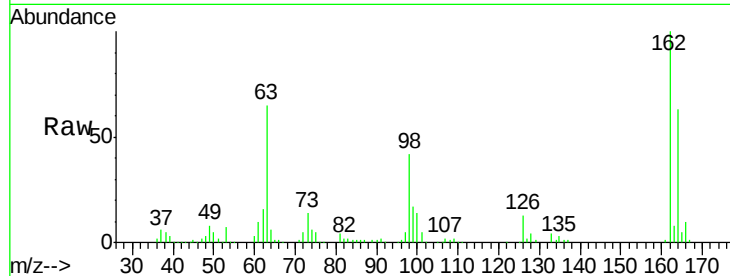
#29
 2,4-Dichlorophenol
 Concen: 50.45 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.9	43.8	83.8
98	42.0	21.3	61.3

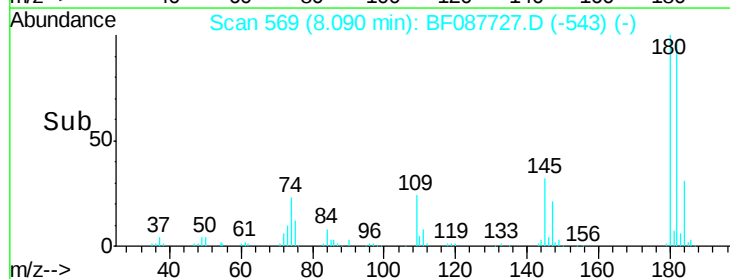
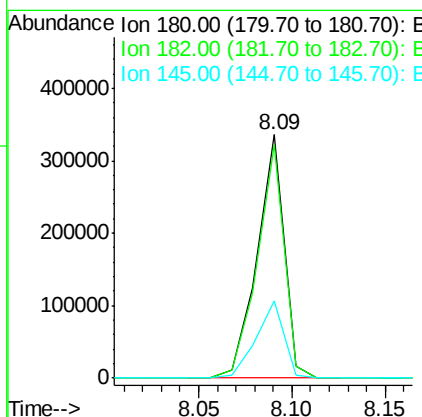
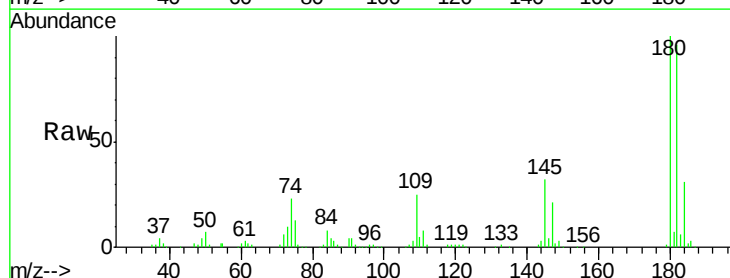
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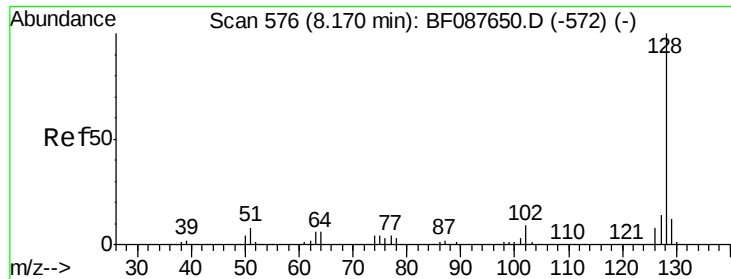
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.37 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	76.0	114.0
145	31.9	26.5	39.7





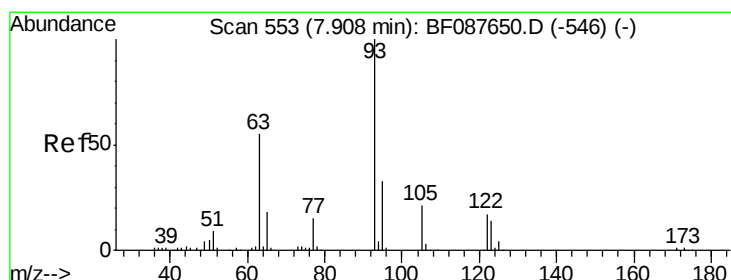
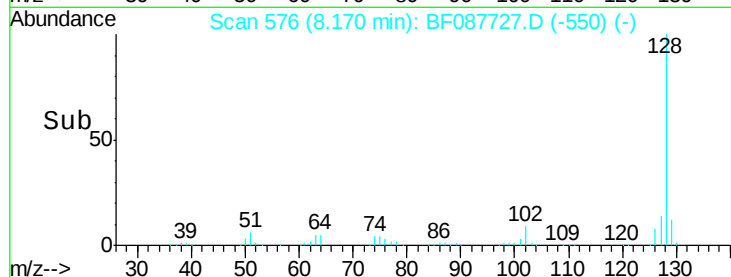
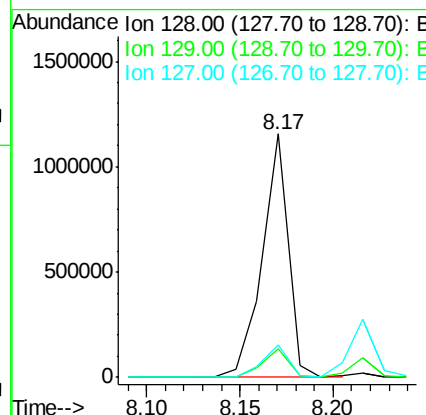
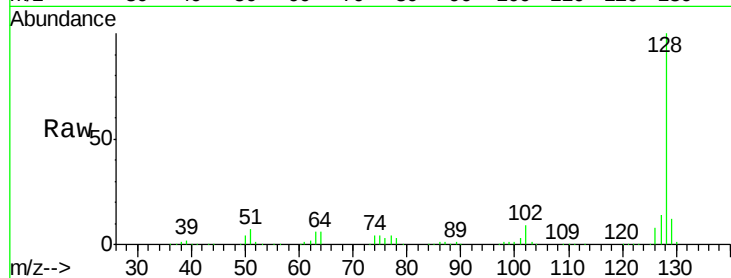
#31
Naphthalene
Concen: 47.32 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.6	10.9	16.3

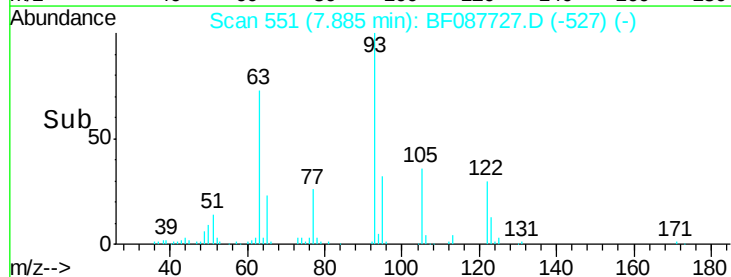
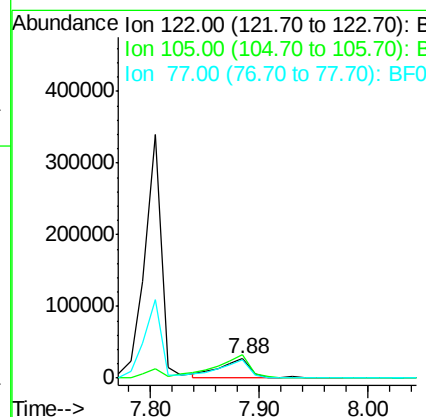
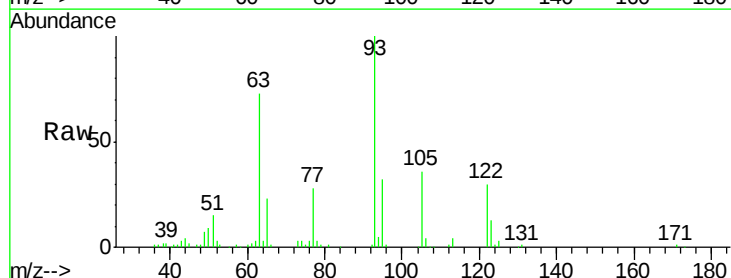
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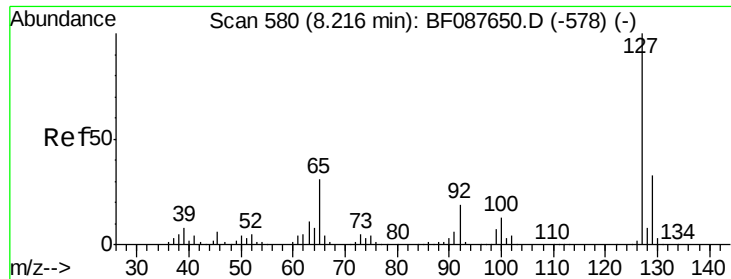
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#32
Benzoic acid
Concen: 11.35 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	101.6	141.6
77	91.4	70.6	110.6





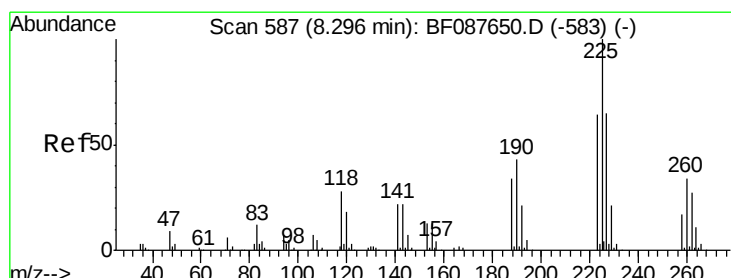
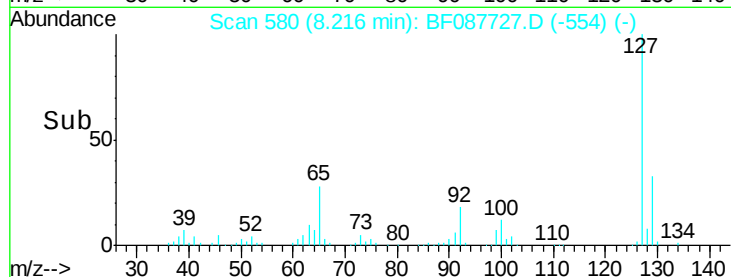
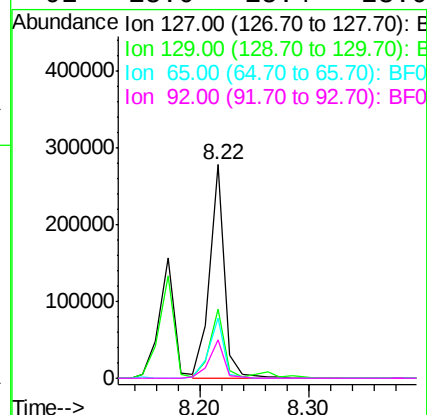
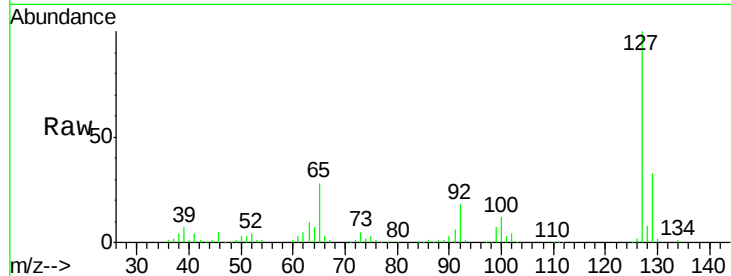
#33
4-Chloroaniline
Concen: 26.12 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.3	39.5		
65	28.3	24.7	37.1		
92	18.0	15.4	23.0		

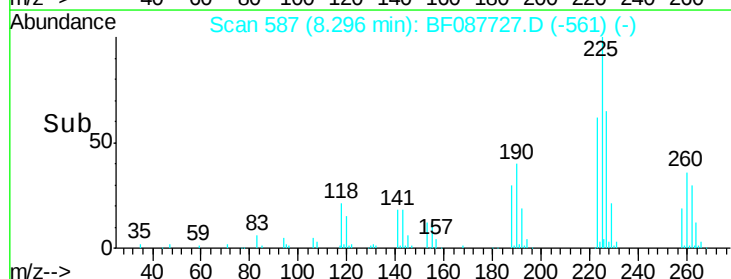
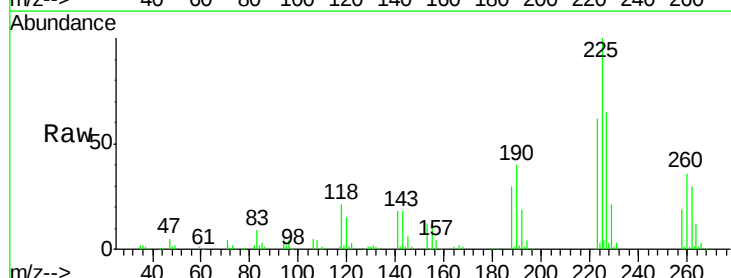
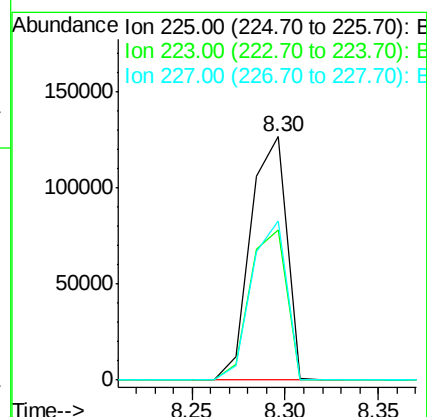
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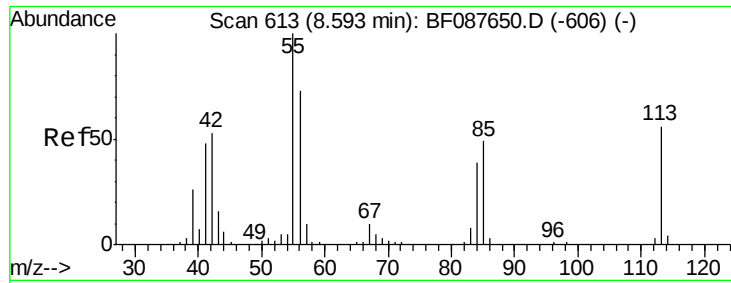
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#34
Hexachlorobutadiene
Concen: 46.76 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	50.9	76.3		
227	65.3	51.9	77.9		





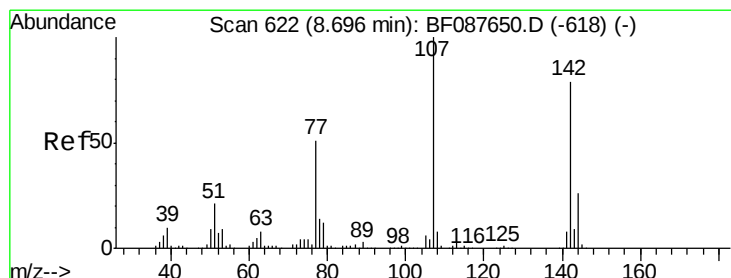
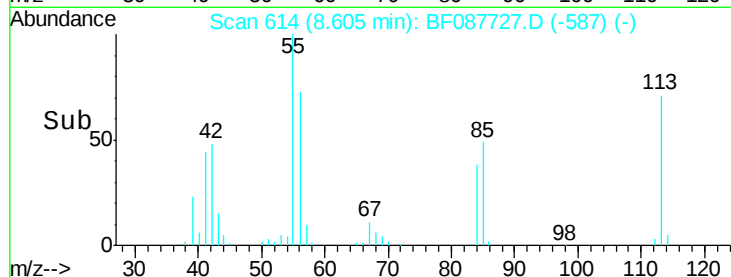
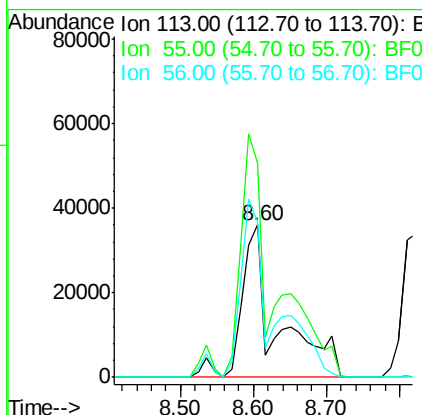
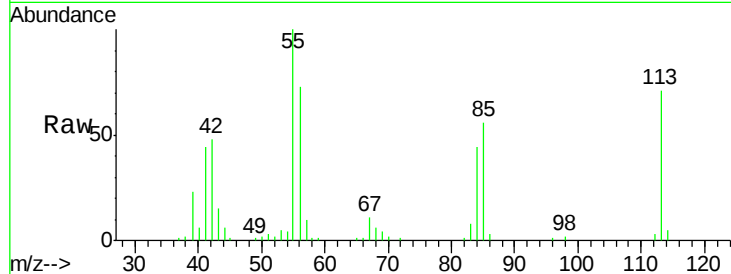
#35
 Caprolactam
 Concen: 54.92 ng/ml
 RT: 8.60 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.4	158.6	198.6#
56	102.2	110.6	150.6#

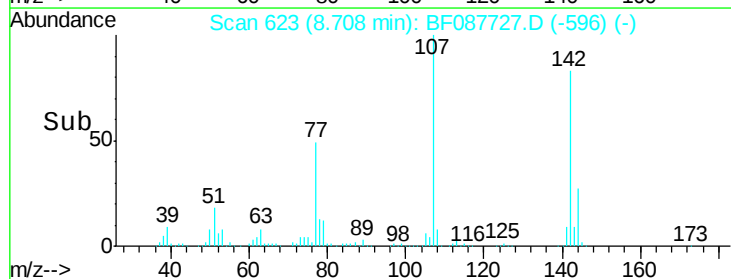
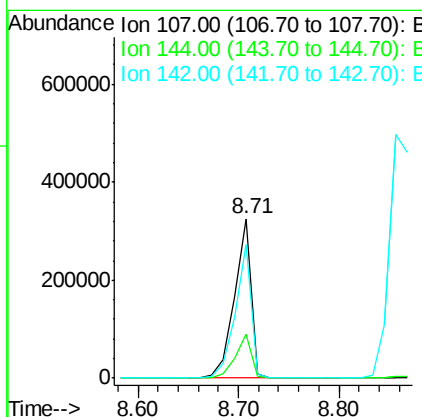
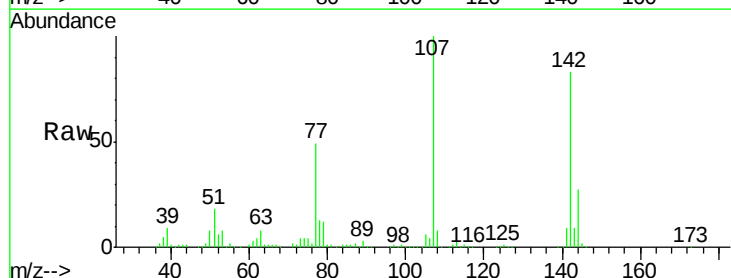
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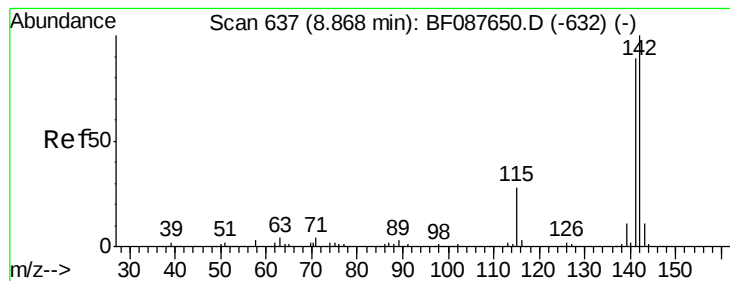
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#36
 4-Chloro-3-methylphenol
 Concen: 55.07 ng/ml
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.8	31.2
142	83.4	63.4	95.2





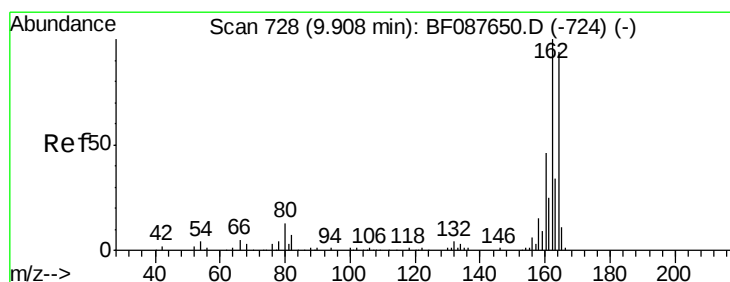
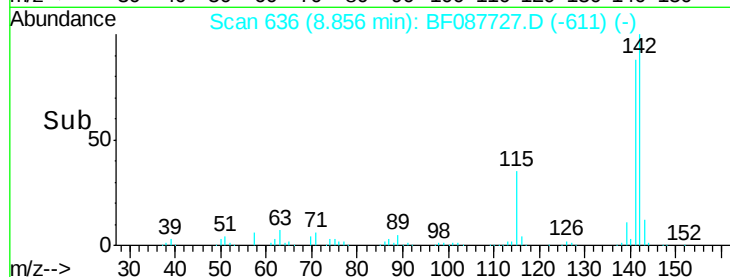
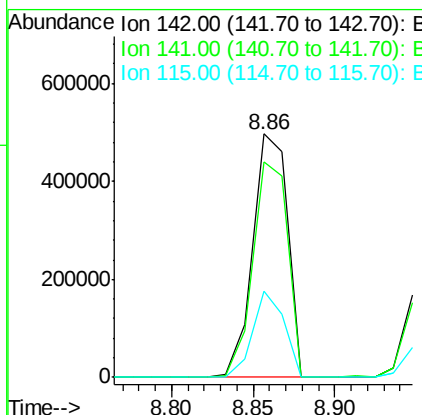
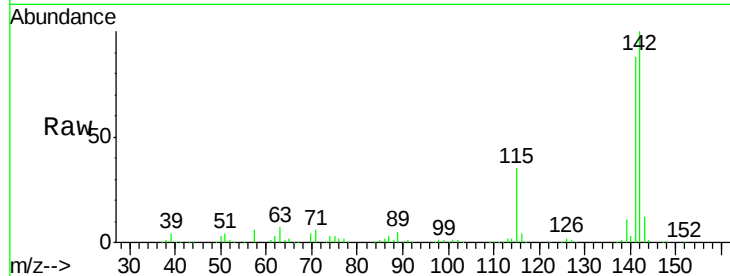
#37
2-Methylnaphthalene
Concen: 47.38 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	35.4	22.6	33.8

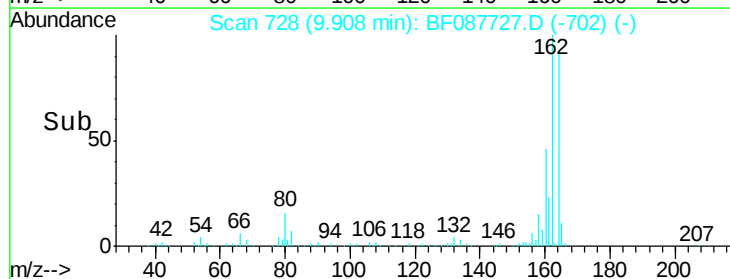
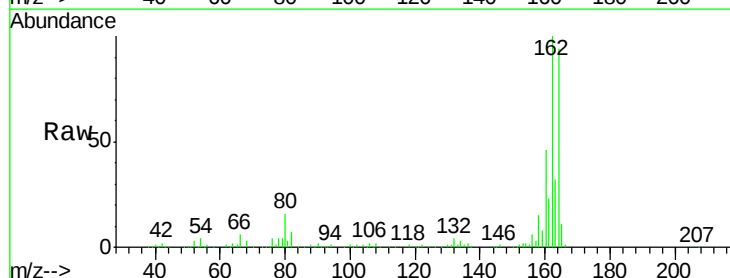
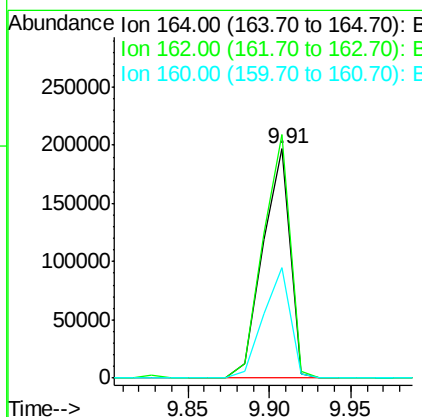
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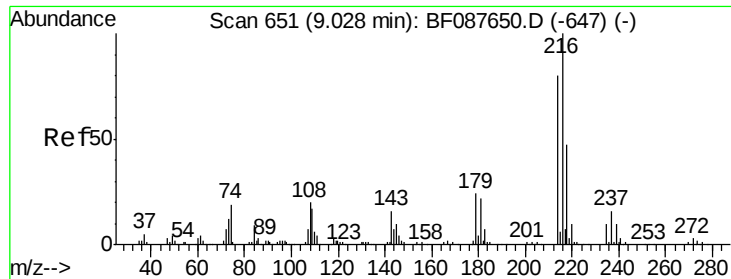
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.4	128.2
160	48.4	39.5	59.3





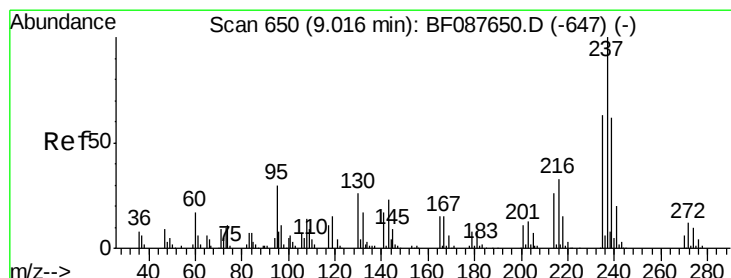
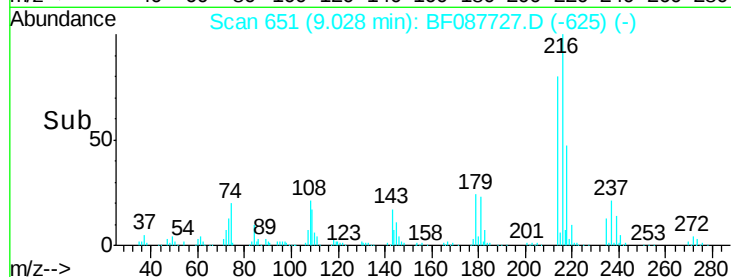
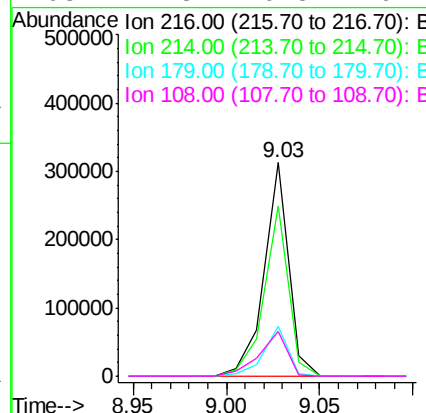
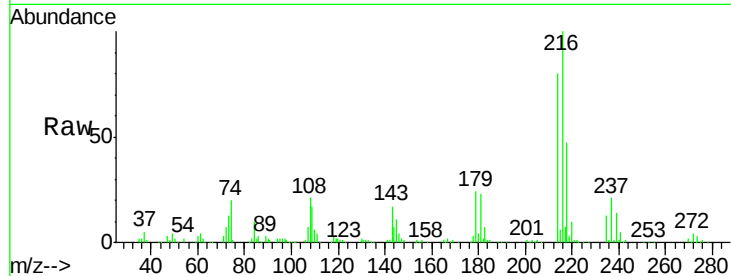
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.89 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	2.9	4.3#
179	23.1	0.0	0.0#
108	24.3	0.5	0.7#

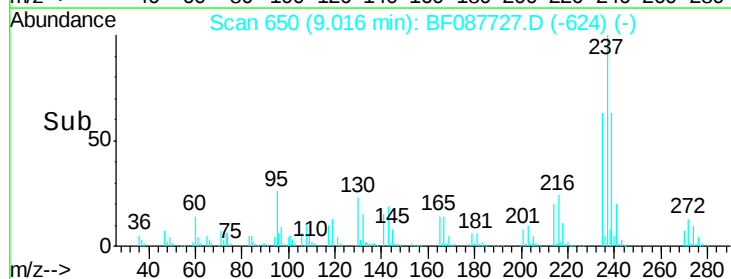
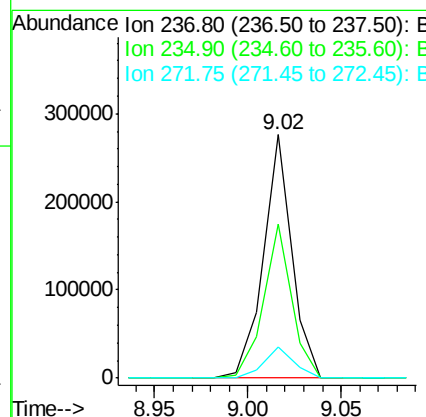
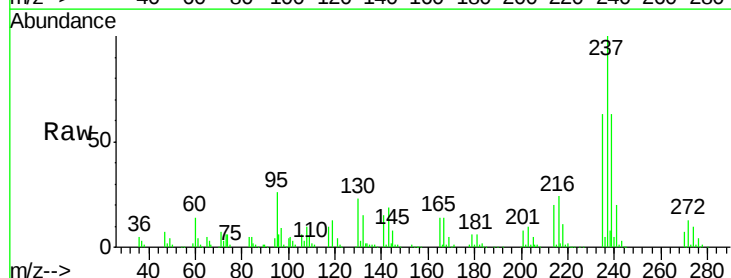
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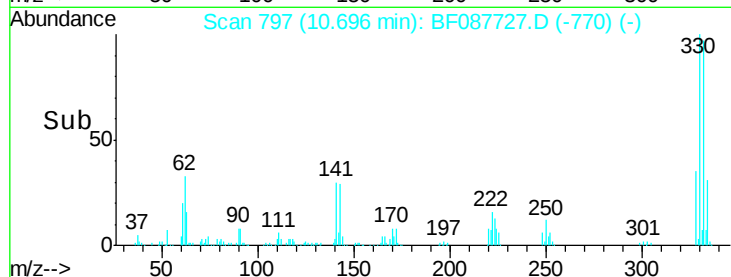
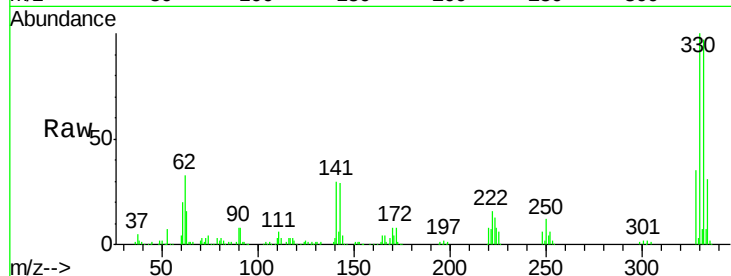
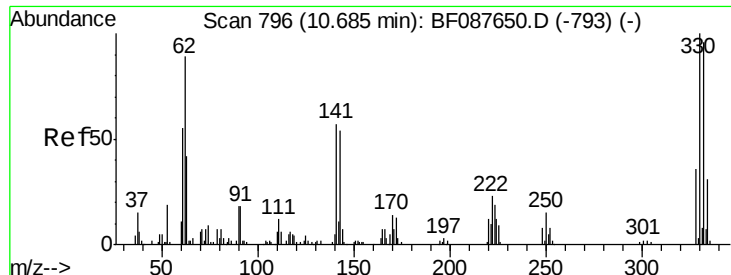
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#40
 Hexachlorocyclopentadiene
 Concen: 78.31 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	43.4	83.4
272	12.8	0.0	32.3





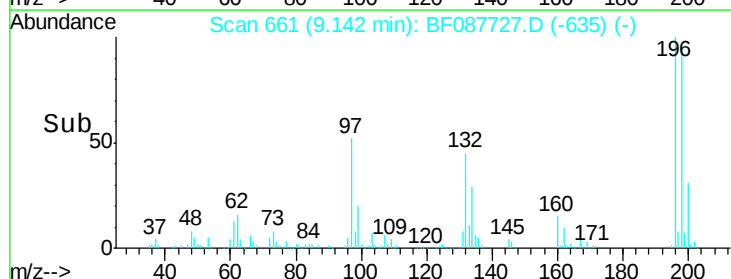
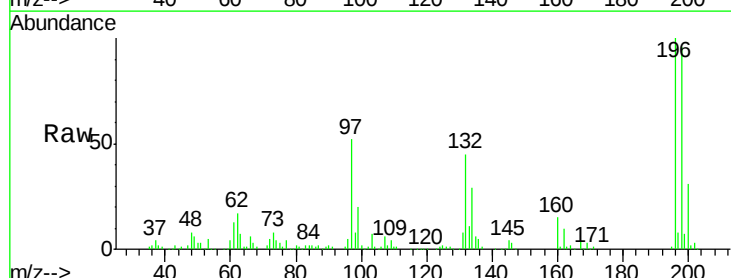
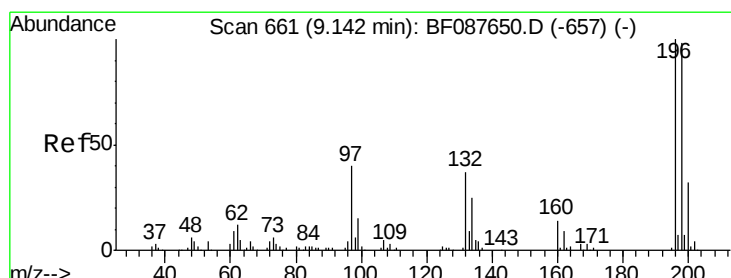
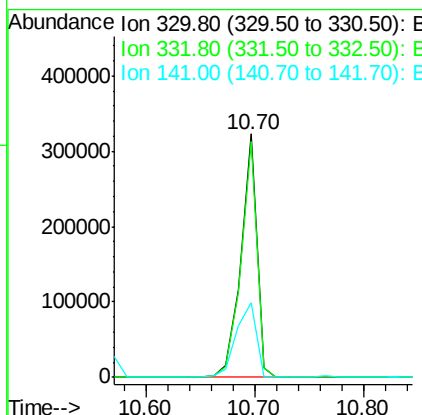
#41
 2,4,6-Tribromophenol
 Concen: 141.28 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.4	0.0	0.0#

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

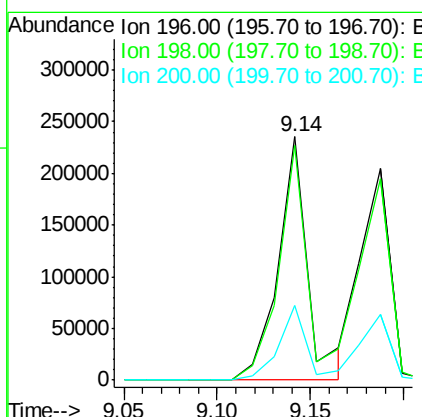
Manual Integrations
 APPROVED

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#42
 2,4,6-Trichlorophenol
 Concen: 54.89 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.5	78.0	117.0
200	30.7	25.4	38.2





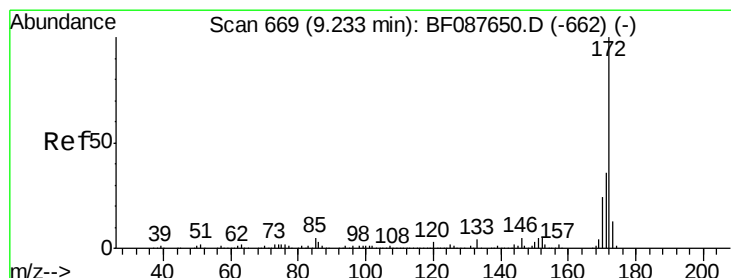
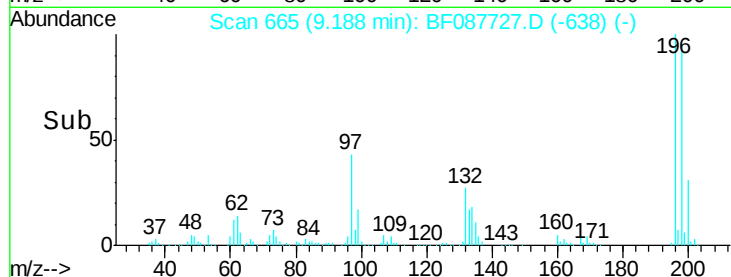
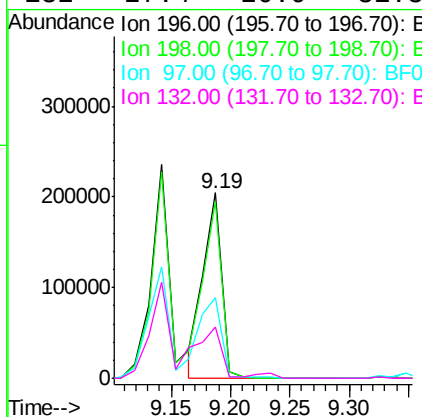
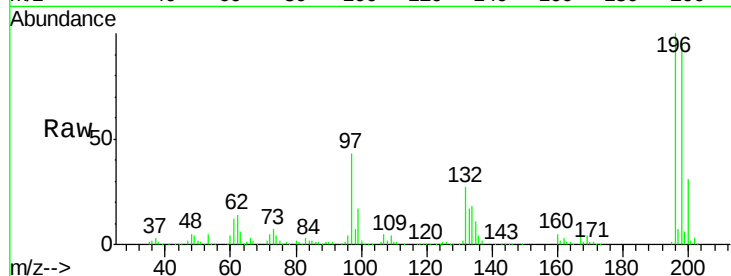
#43
 2,4,5-Trichlorophenol
 Concen: 50.89 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion:	196	Resp:	224902
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.5	116.3
97	43.5	32.0	48.0
132	27.4	20.9	31.3

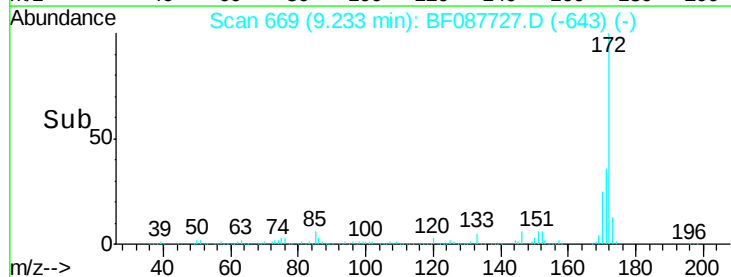
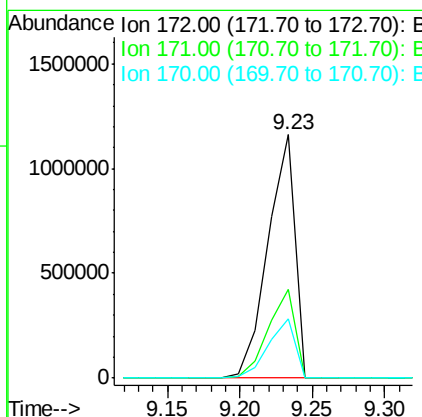
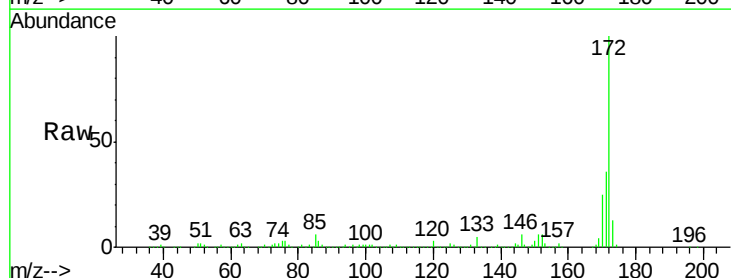
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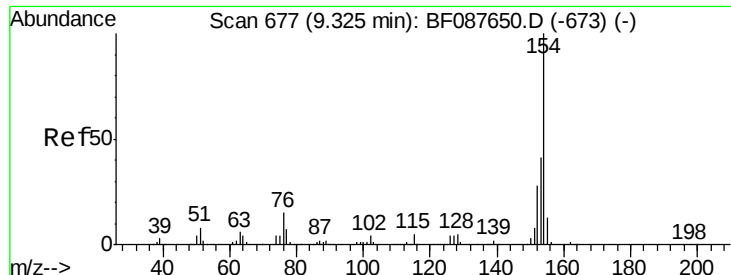
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#44
 2-Fluorobiphenyl
 Concen: 113.11 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:	172	Resp:	1500038
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.6	43.0
170	24.6	19.2	28.8





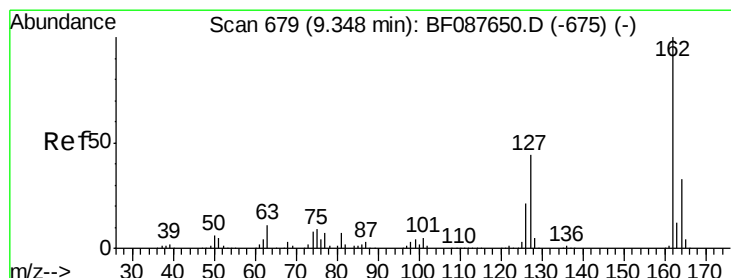
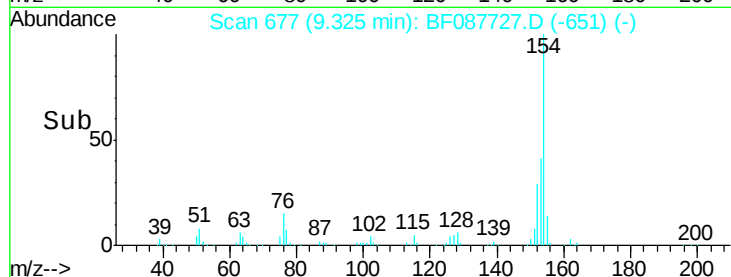
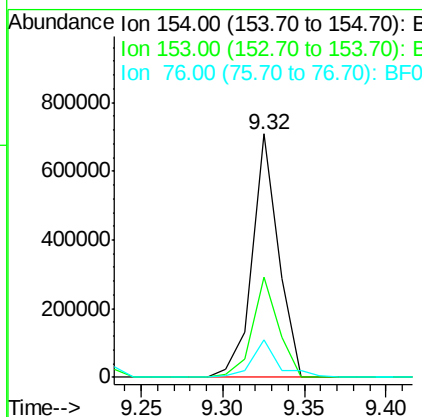
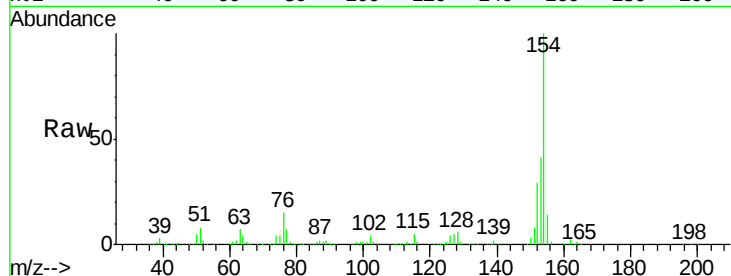
#45
 1,1'-Biphenyl
 Concen: 42.70 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion:	154	Resp:	790730
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	15.3	0.0	35.1

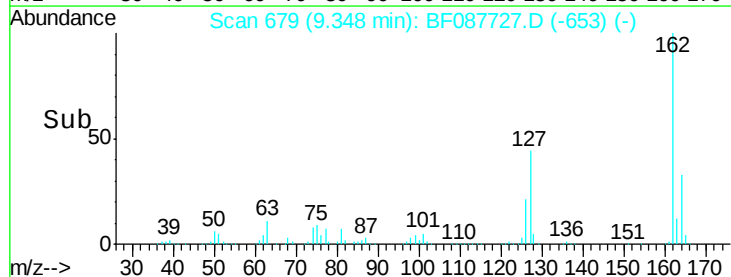
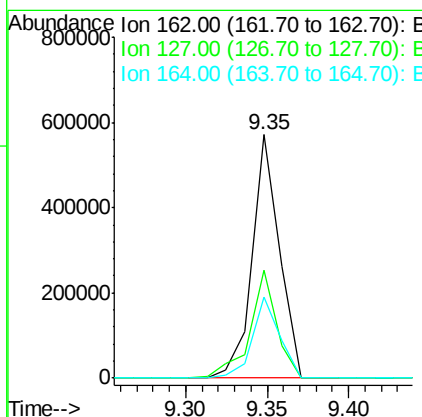
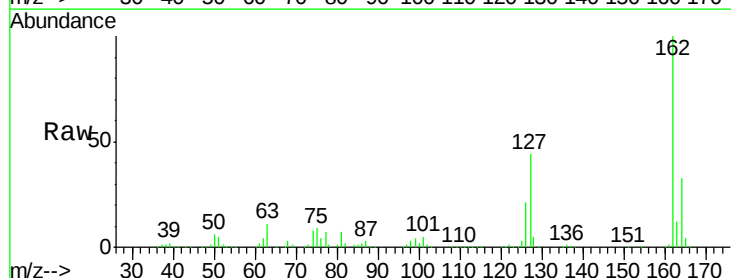
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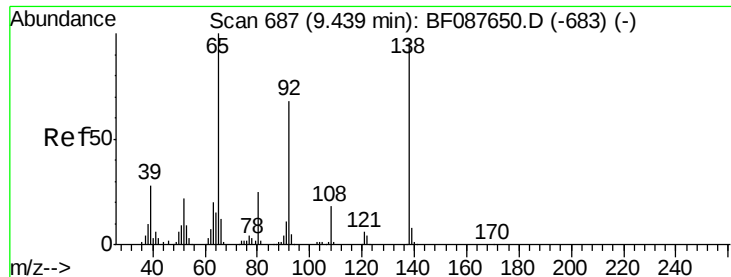
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#46
 2-Chloronaphthalene
 Concen: 44.80 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:	162	Resp:	660421
Ion Ratio	Lower	Upper	
162	100		
127	44.3	35.2	52.8
164	33.2	26.6	39.8





#47

2-Nitroaniline

Concen: 56.21 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

Tot Ion: 65 Resp: 233287
Ion Ratio Lower Upper

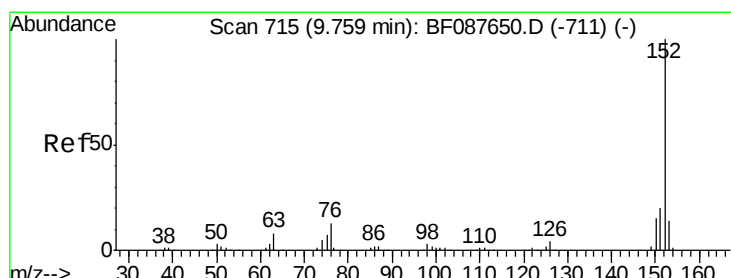
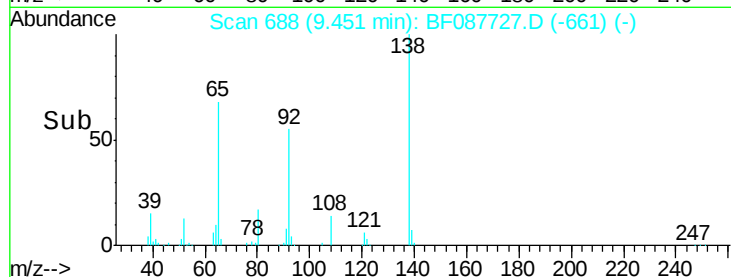
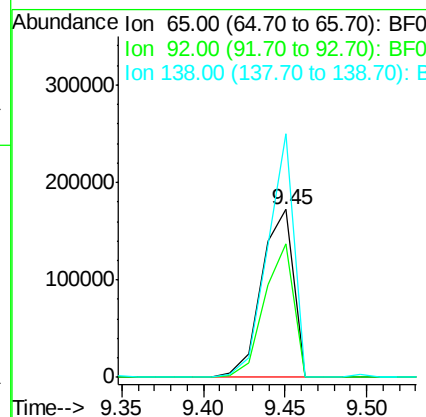
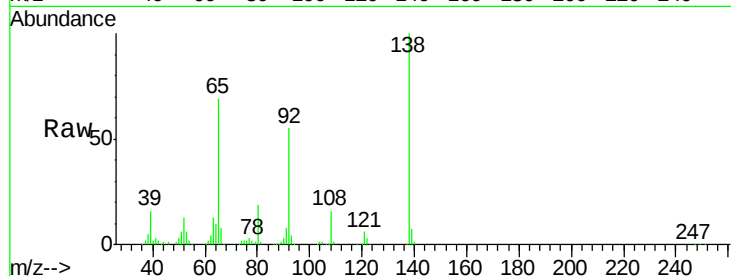
65 100

92 79.7 54.6 82.0

138 145.1 77.0 115.4#

Manual Integrations
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#48

Acenaphthylene

Concen: 50.72 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087727.D

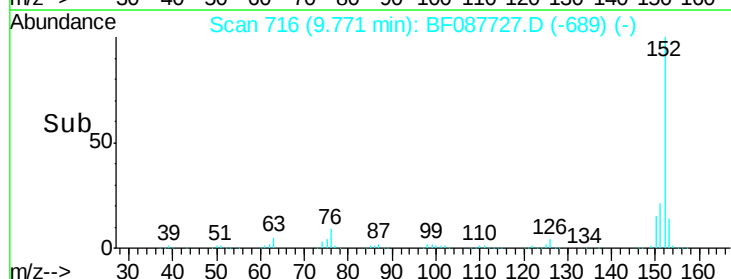
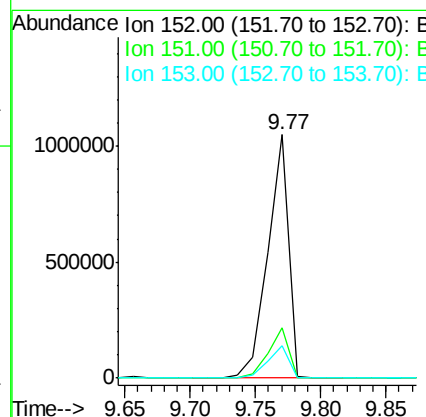
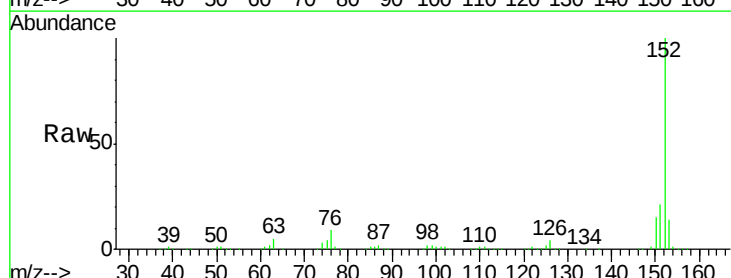
Acq: 6 Jun 2016 00:52

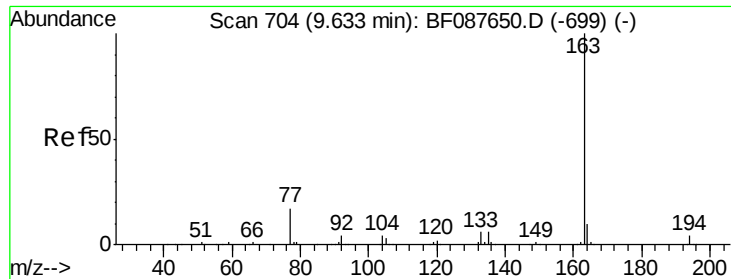
Tgt Ion: 152 Resp: 1165933
Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 13.5 11.0 16.6





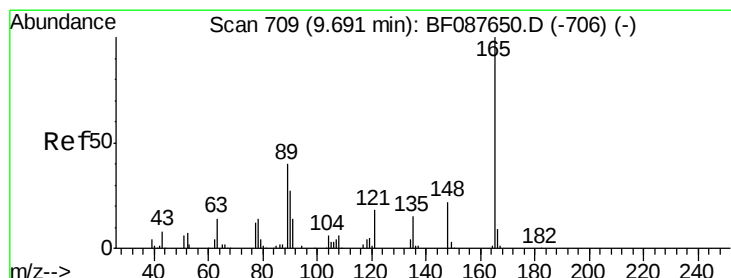
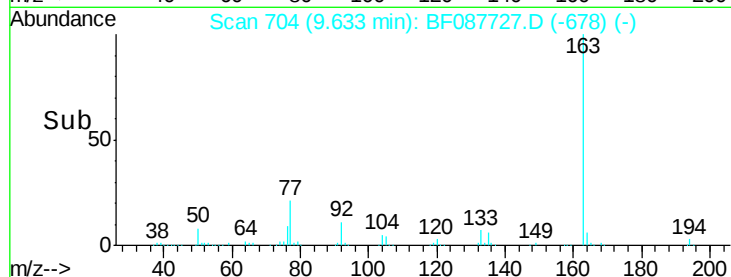
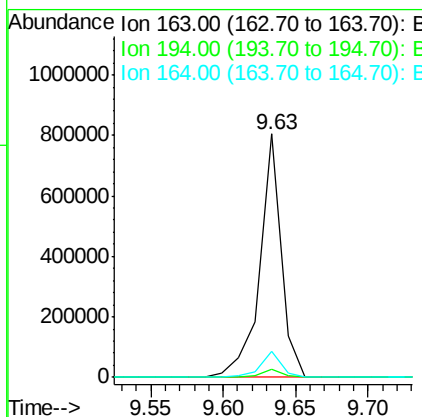
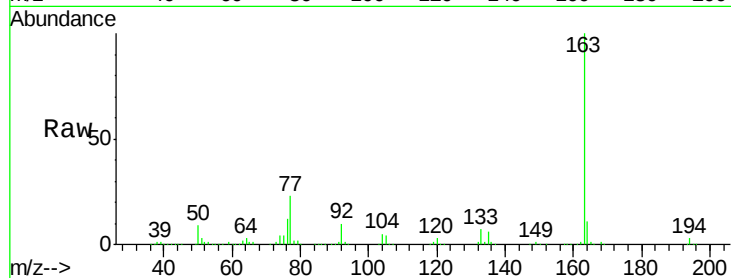
#49
Dimethylphthalate
Concen: 49.80 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	826030		
194	3.3		2.8	4.2
164	10.7		8.3	12.5

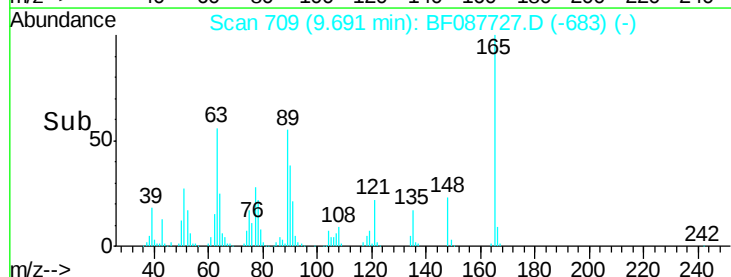
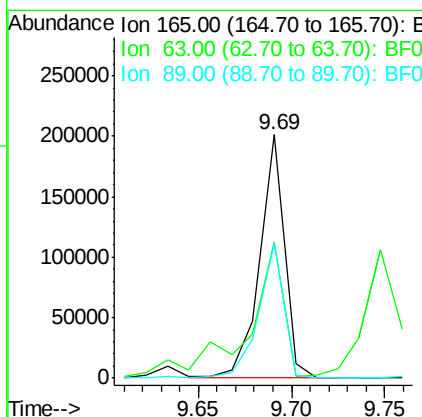
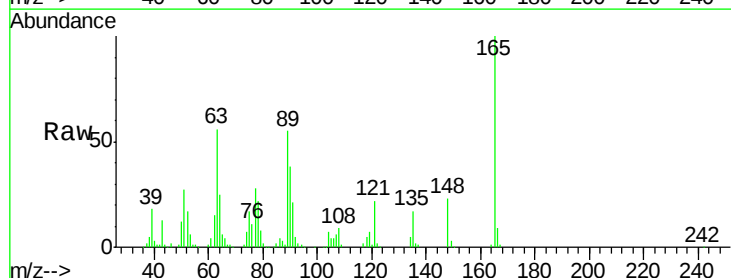
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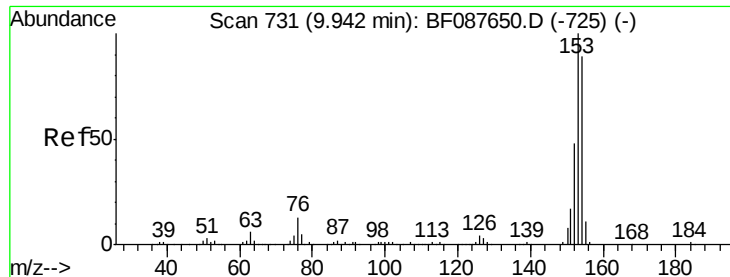
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#50
2,6-Dinitrotoluene
Concen: 48.67 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183697		
63	55.7		28.1	42.1#
89	55.4		32.2	48.2#





#51

Acenaphthene

Concen: 48.56 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

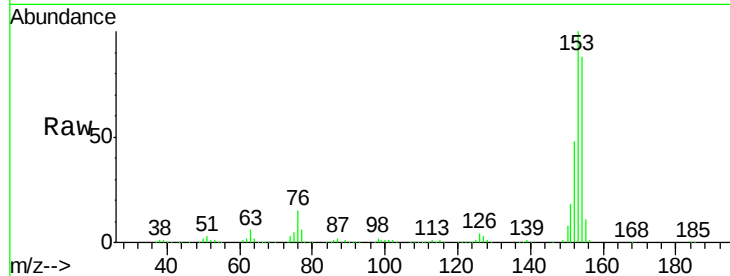
ClientSampleId :

SB-7MSD

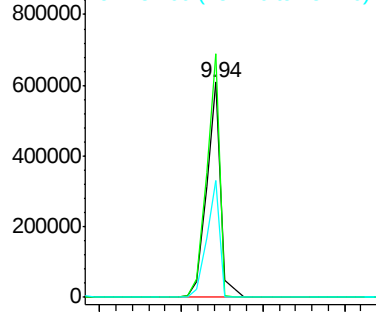
Tot Ion:	154	Resp:	718205
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.5	134.3
152	54.3	42.7	64.1

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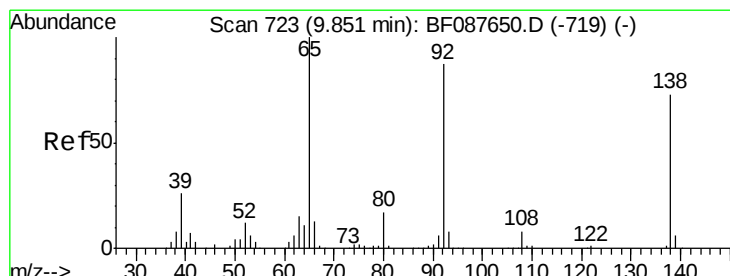
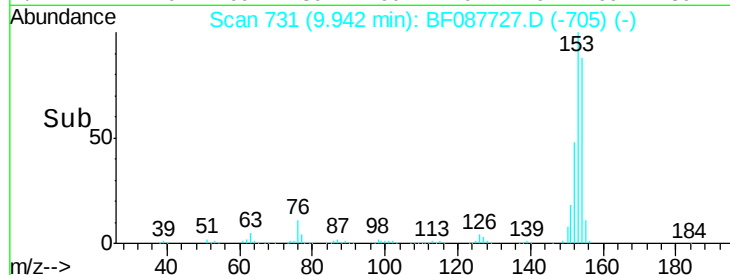
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 35.38 ng

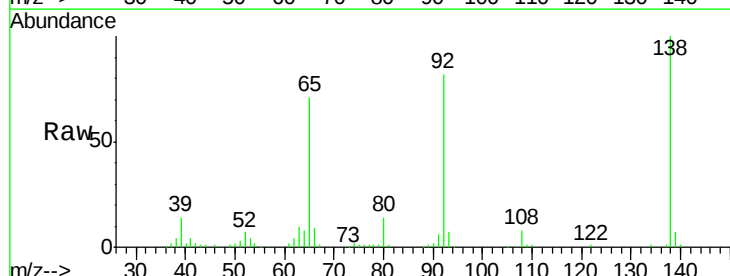
RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

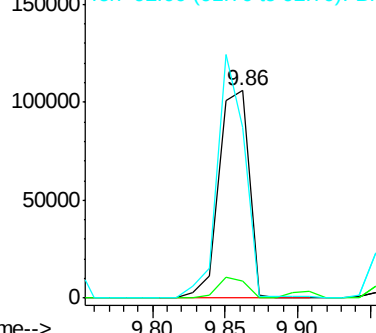
Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

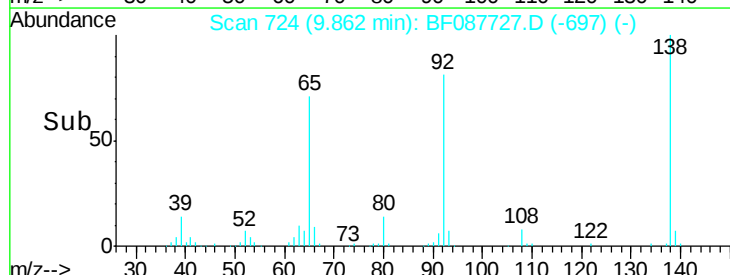
Tgt Ion:	138	Resp:	152747
Ion Ratio	Lower	Upper	
138	100		
108	8.2	8.5	12.7#
92	82.1	95.7	143.5#

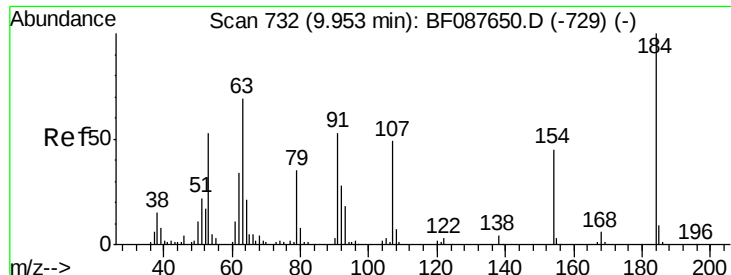


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



Time-->





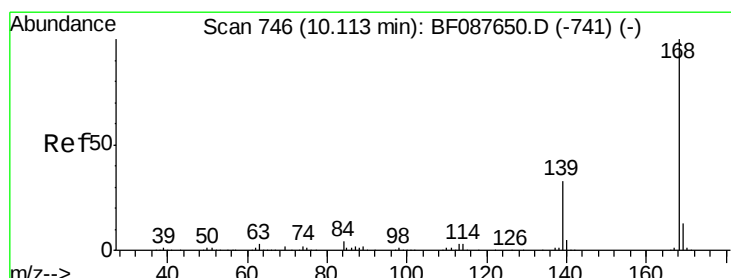
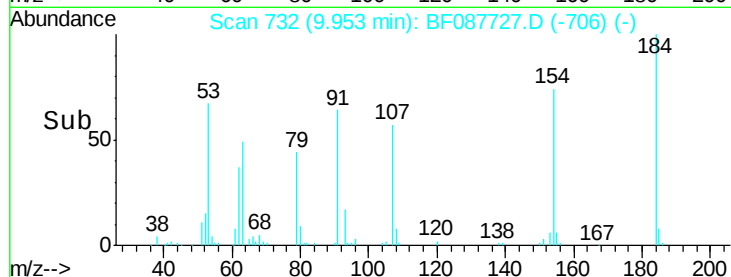
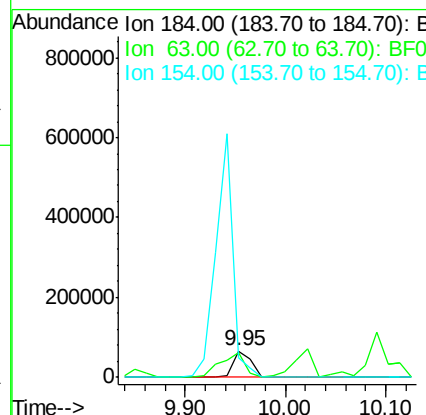
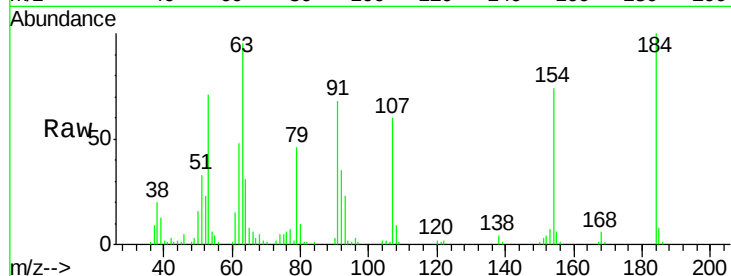
#53
2,4-Dinitrophenol
Concen: 49.54 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	82189		
63	95.2	57.6	86.4	#
154	73.8	53.5	80.3	

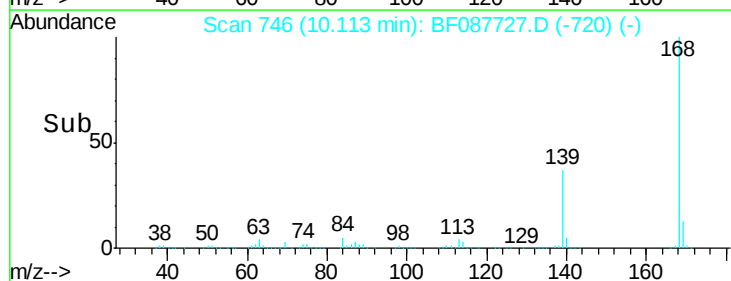
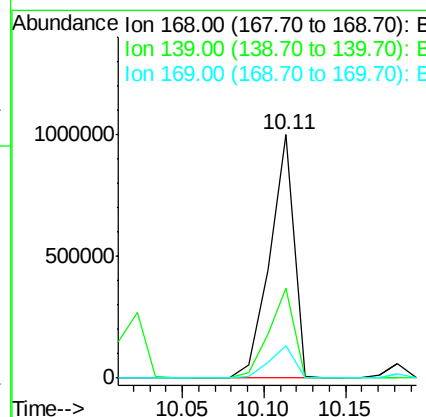
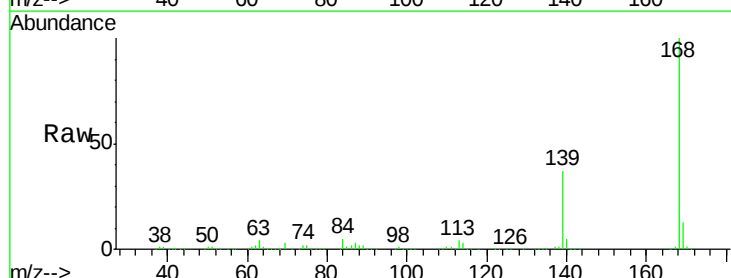
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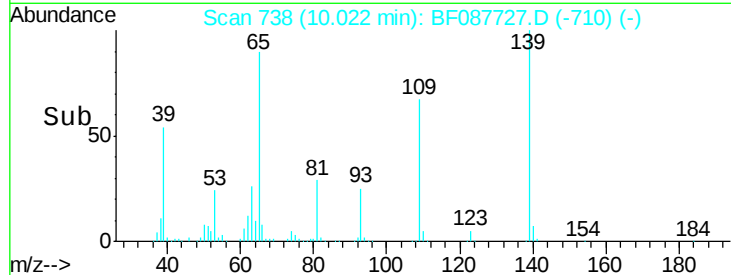
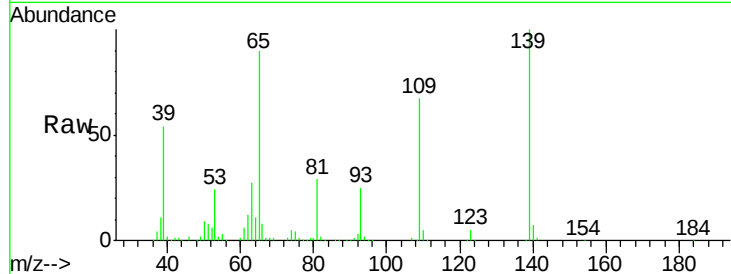
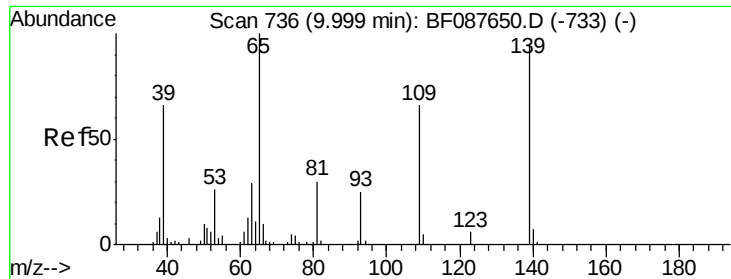
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#54
Dibenzofuran
Concen: 51.35 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1034116		
139	36.9	26.4	39.6	
169	13.5	10.4	15.6	





#55

4-Nitrophenol

Concen: 87.87 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tot Ion:	139	Resp:	324217
Ion Ratio	Lower	Upper	
139	100		
109	66.7	48.9	88.9
65	90.3	84.9	124.9

Instrument :

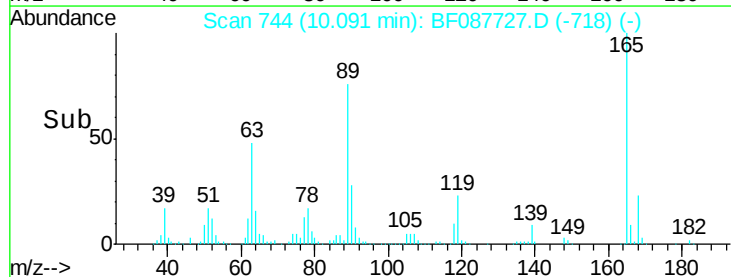
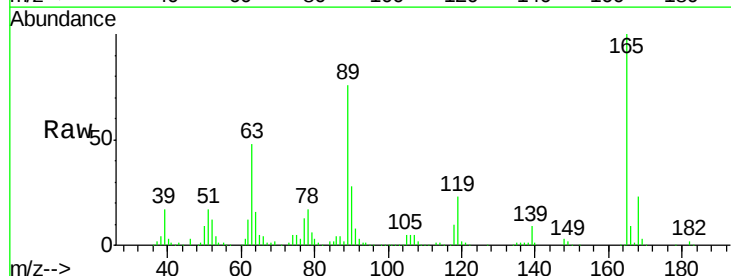
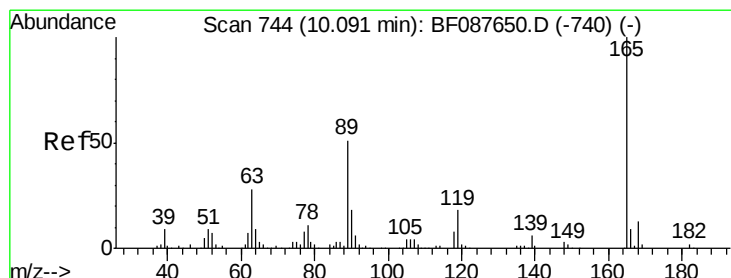
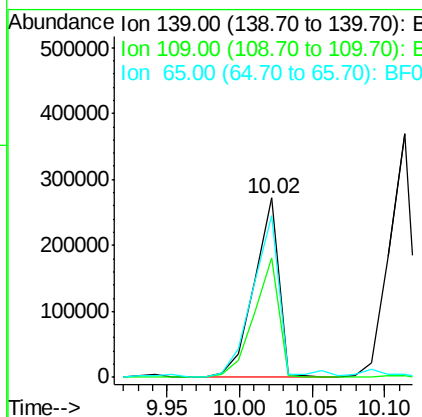
BNA_F

ClientSampled :

SB-7MSD

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#56

2,4-Dinitrotoluene

Concen: 46.76 ng

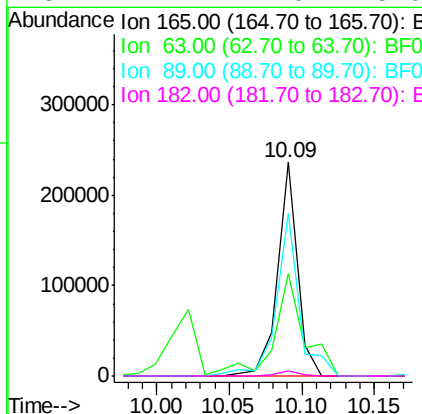
RT: 10.09 min Scan# 744

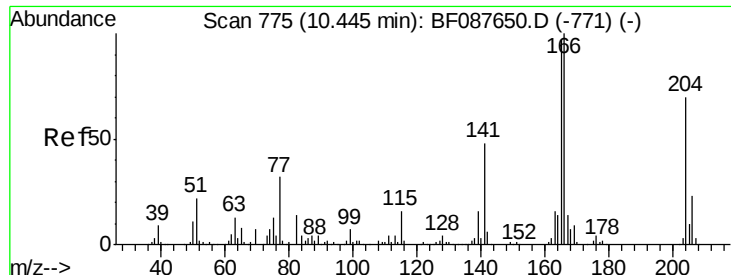
Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:	165	Resp:	224725
Ion Ratio	Lower	Upper	
165	100		
63	47.9	22.0	33.0#
89	76.4	41.1	61.7#
182	2.2	2.0	3.0





#57

Fluorene

Concen: 47.19 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

Tot Ion:166 Resp: 742778

Ion Ratio Lower Upper

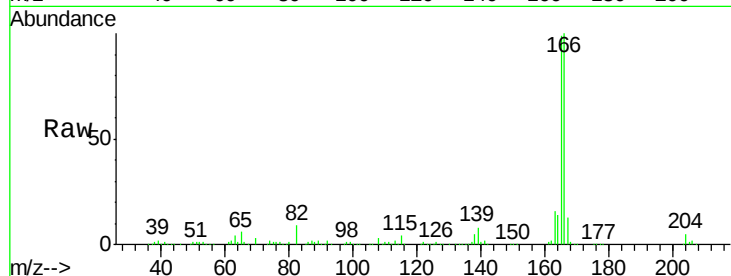
166 100

165 98.8 77.8 116.8

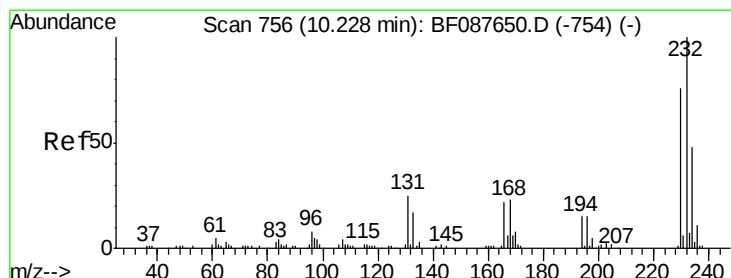
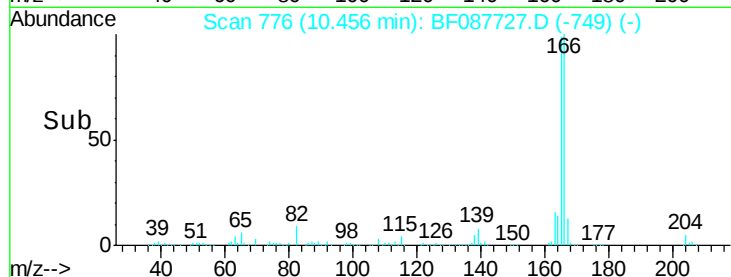
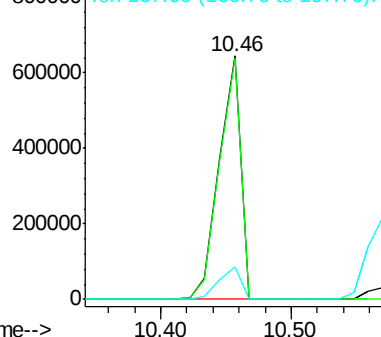
167 13.1 11.2 16.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.55 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:232 Resp: 192460

Ion Ratio Lower Upper

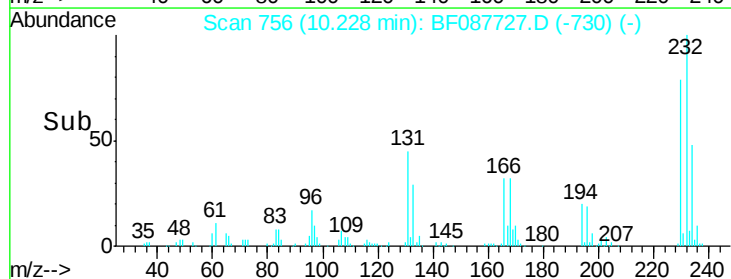
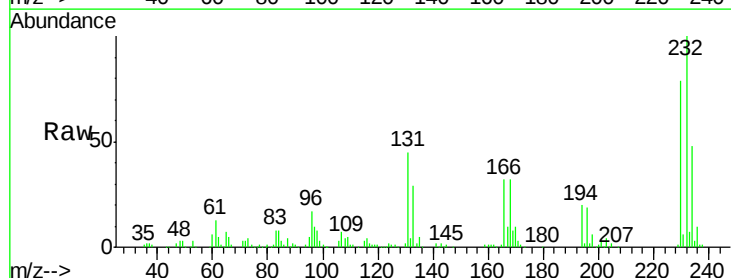
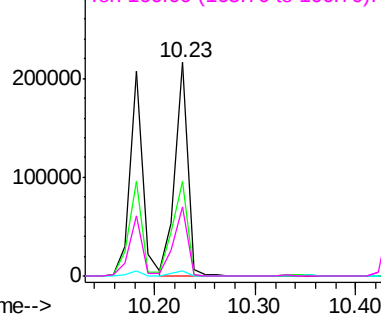
232 100

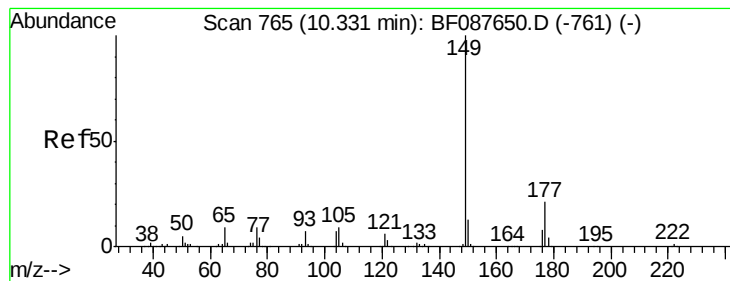
131 51.2 0.9 1.3#

130 2.5 1.5 2.3#

166 34.4 0.5 0.7#

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





#59

Diethylphthalate

Concen: 45.69 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

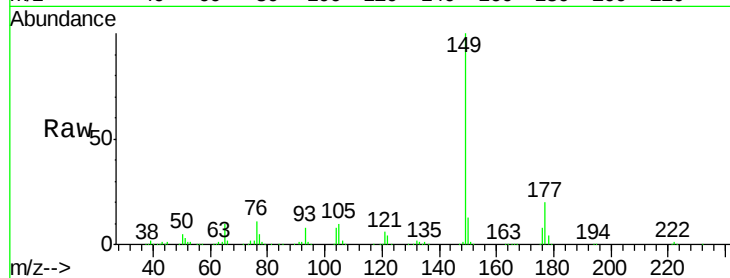
ClientSampleId :

SB-7MSD

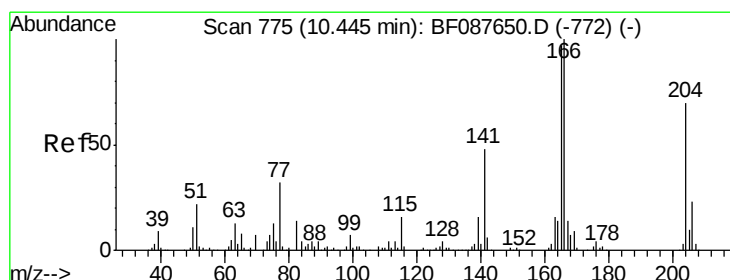
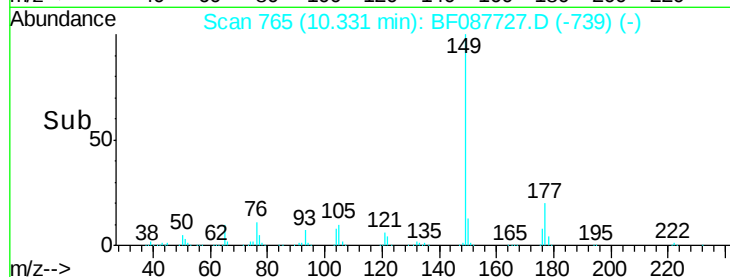
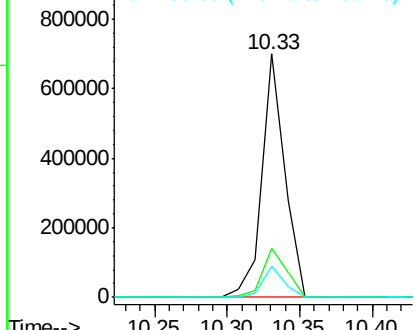
Tot Ion:	149	Resp:	761104
Ion Ratio	Lower	Upper	
149	100		
177	20.3	16.9	25.3
150	12.8	10.1	15.1

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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: 49.61 ng

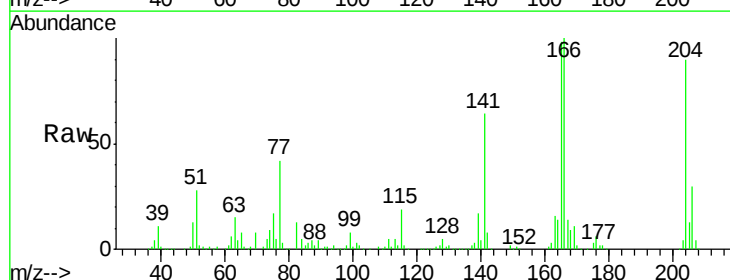
RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

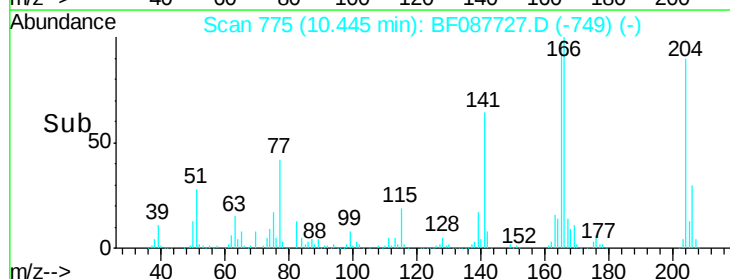
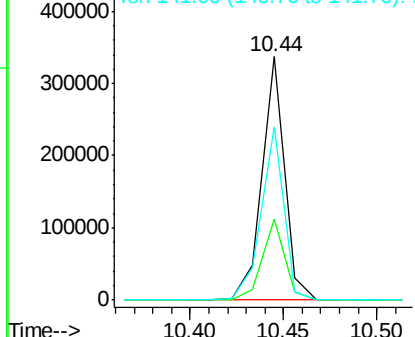
Lab File: BF087727.D

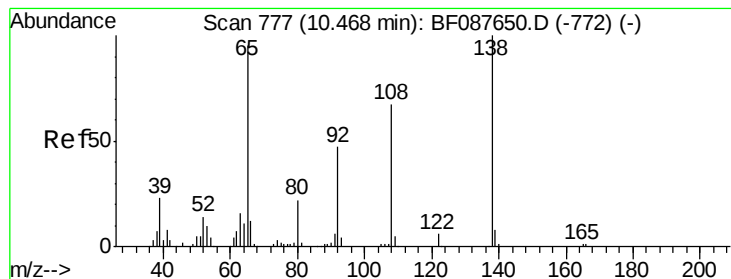
Acq: 6 Jun 2016 00:52

Tgt Ion:	204	Resp:	287982
Ion Ratio	Lower	Upper	
204	100		
206	33.1	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





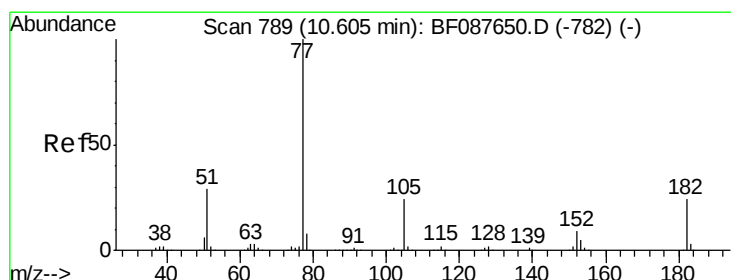
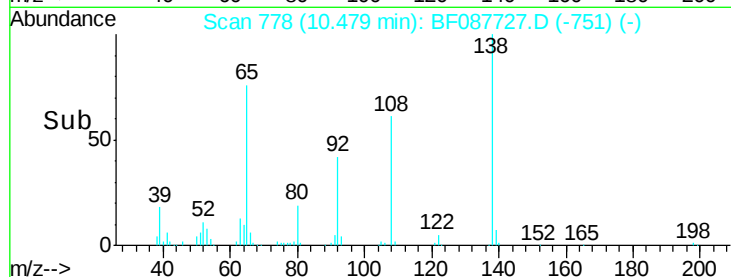
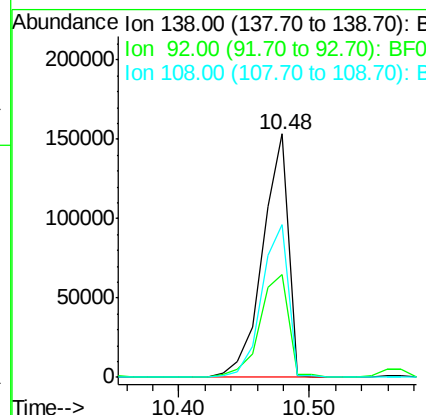
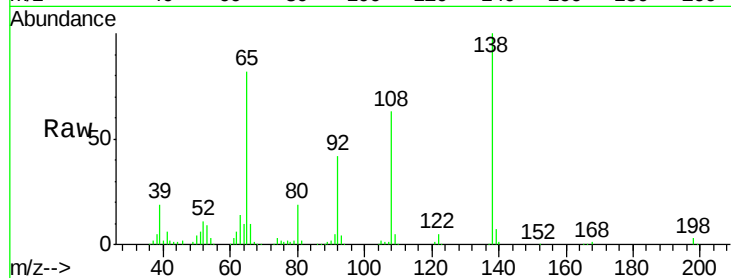
#61
4-Nitroaniline
Concen: 50.74 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	210560		
92	42.1	27.3	67.3	
108	62.7	46.7	86.7	

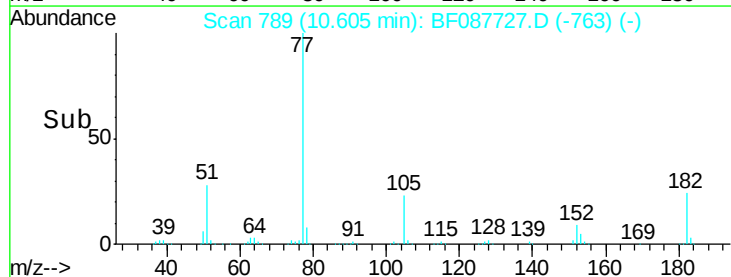
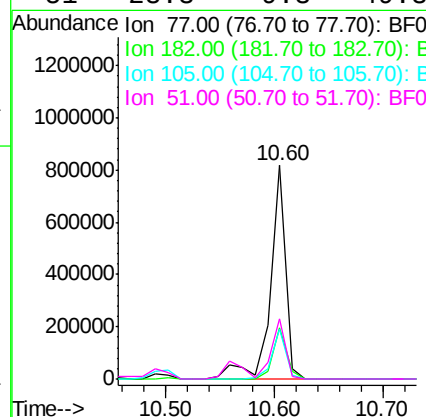
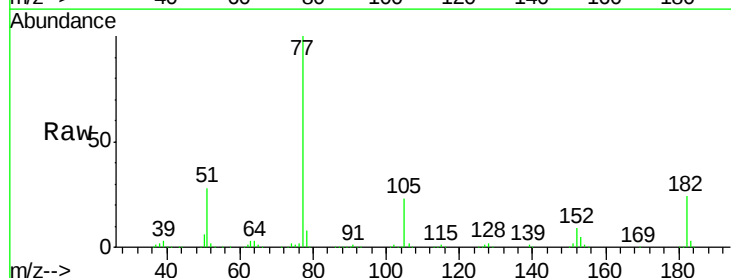
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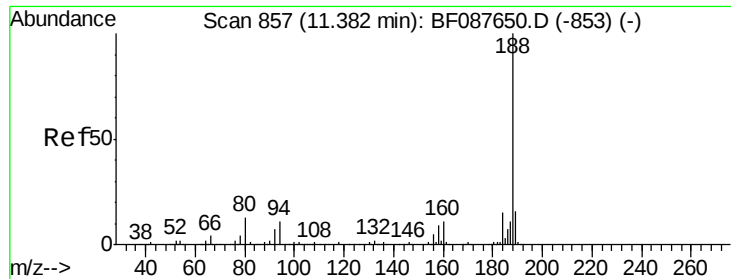
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#62
Azobenzene
Concen: 48.64 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	815558		
182	24.1	4.4	44.4	
105	23.5	3.8	43.8	
51	28.3	9.3	49.3	





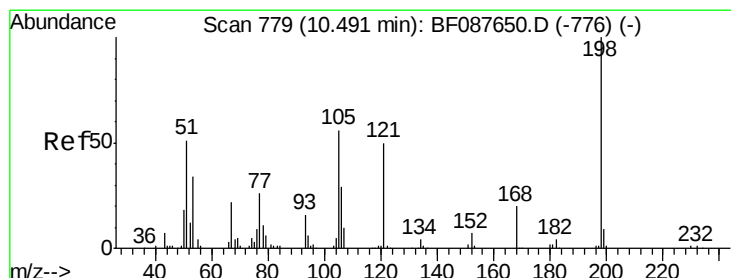
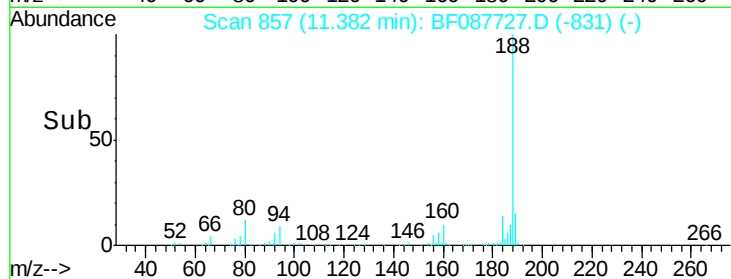
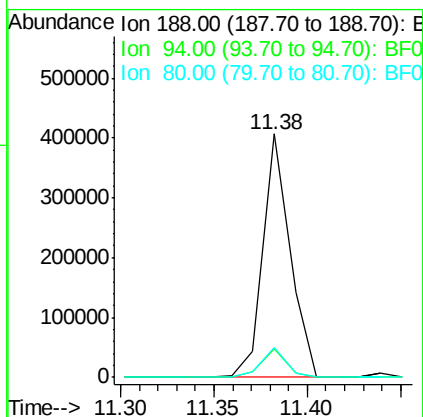
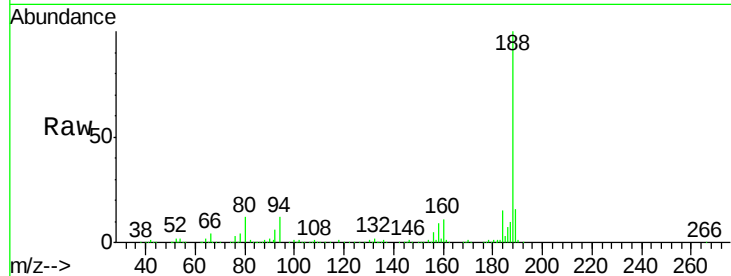
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	409081		
94	11.6		9.0	13.6
80	12.5		10.0	15.0

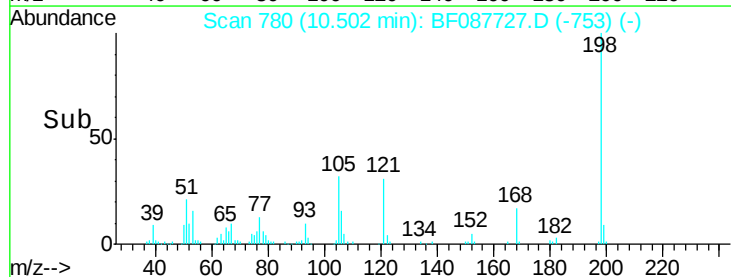
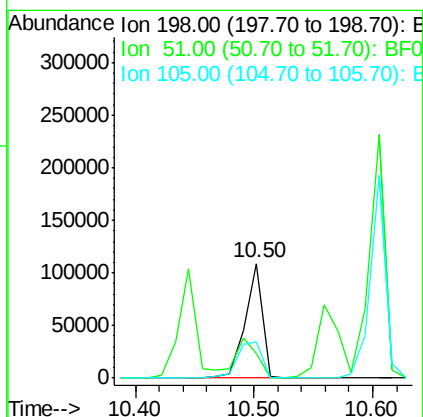
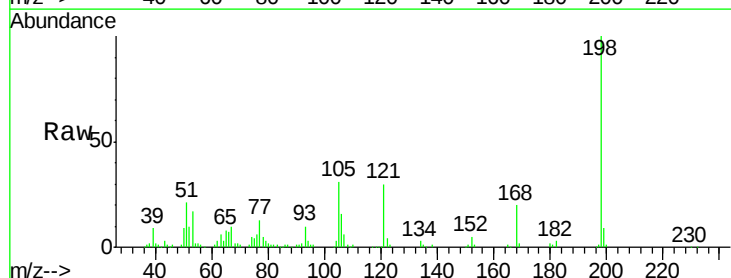
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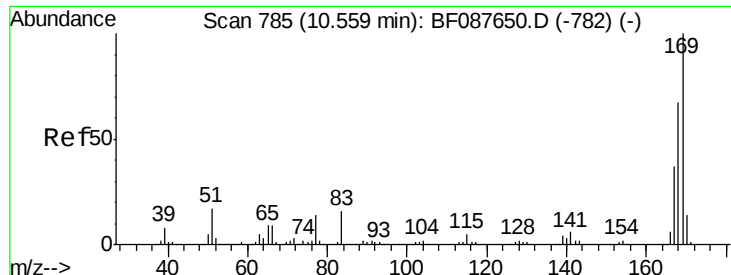
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6/6/2016 7:25:11 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.01 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111536		
51	21.5		39.6	79.6#
105	31.3		36.6	76.6#





#65

n-Nitrosodiphenylamine

Concen: 53.39 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

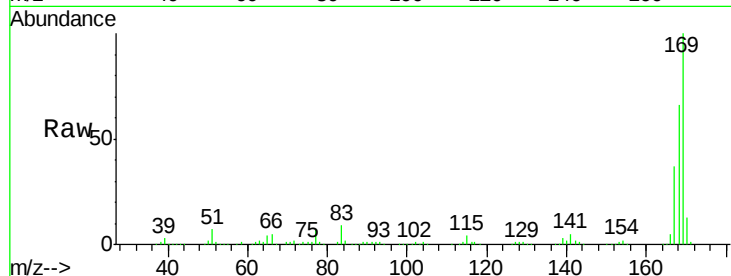
ClientSampleId :

SB-7MSD

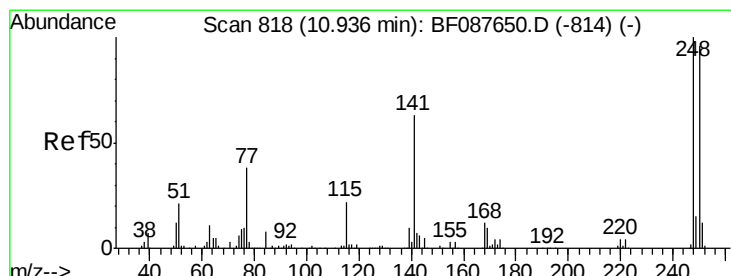
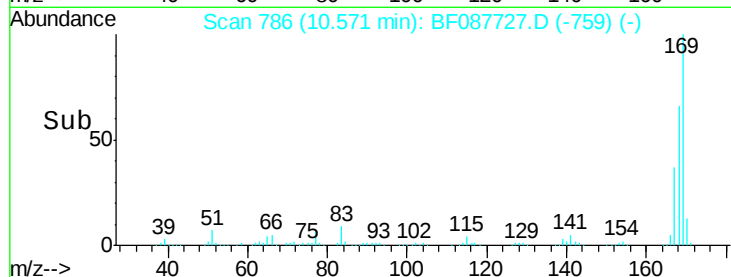
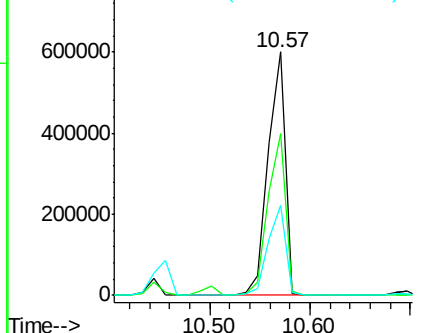
Tot Ion:	169	Resp:	715318
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.4	80.0
167	36.9	29.4	44.0

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



#66

4-Bromophenyl-phenylether

Concen: 53.15 ng

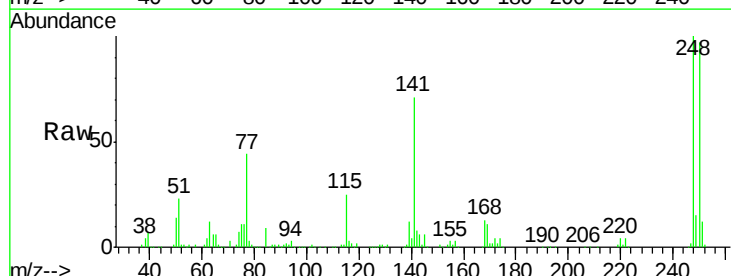
RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

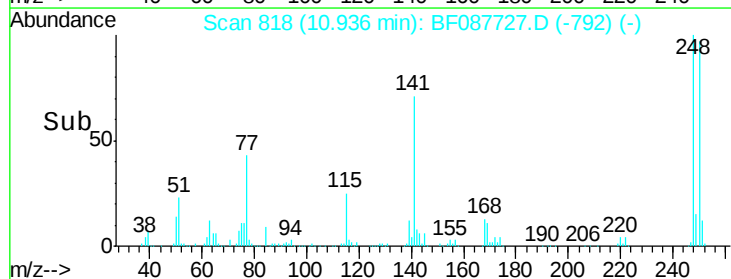
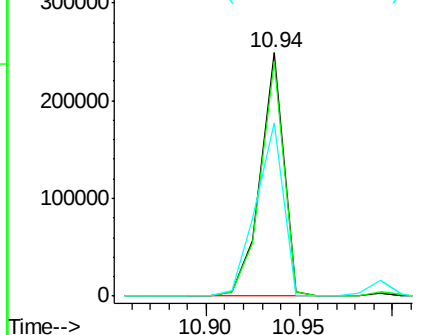
Lab File: BF087727.D

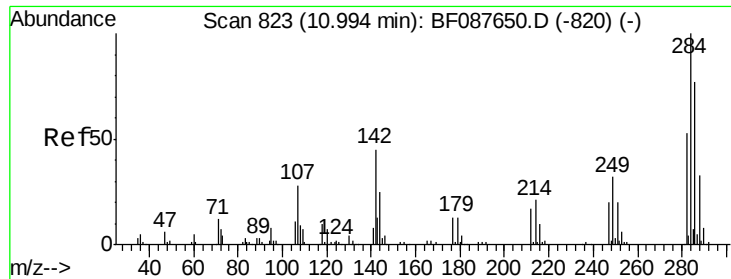
Acq: 6 Jun 2016 00:52

Tgt Ion:	248	Resp:	215596
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.1	115.7
141	71.4	50.6	76.0



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





#67

Hexachlorobenzene

Concen: 46.68 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

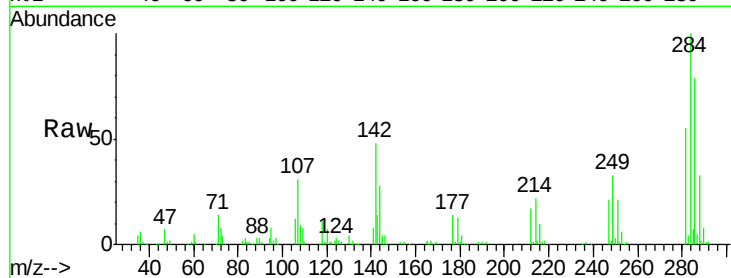
ClientSampled :

SB-7MSD

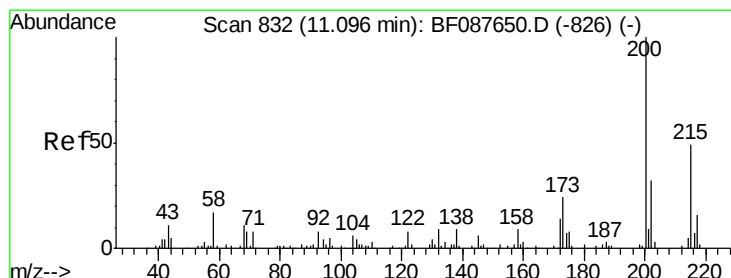
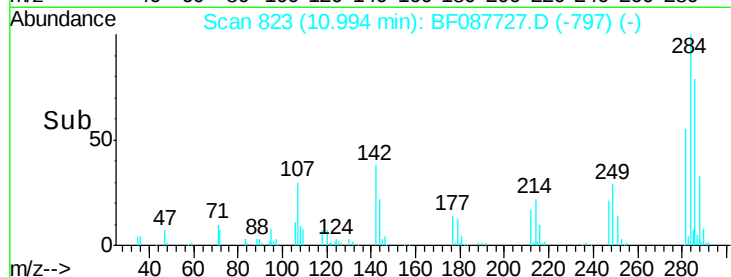
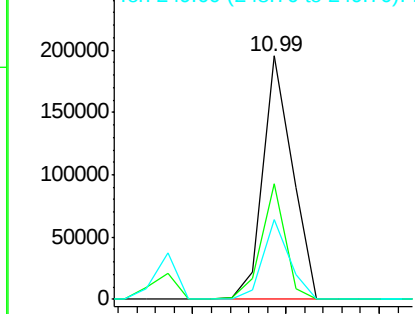
Tot Ion:	284	Resp:	211733
Ion Ratio	Lower	Upper	
284	100		
142	47.6	35.8	53.8
249	33.0	25.8	38.6

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: 52.32 ng

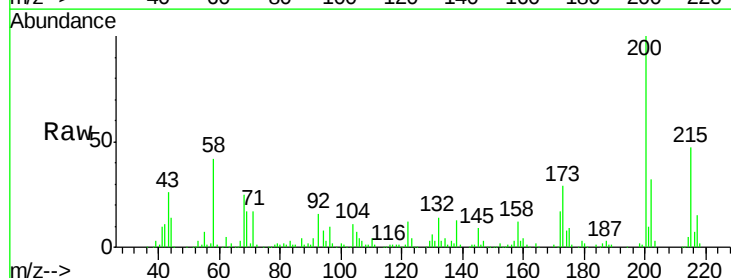
RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

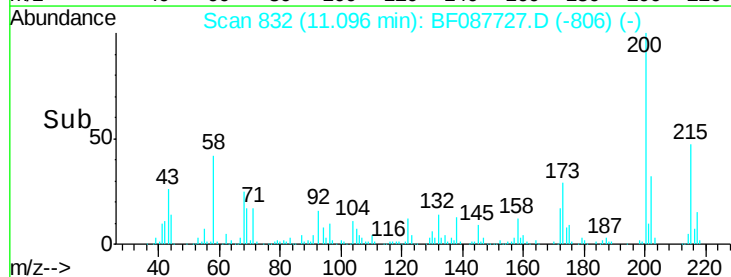
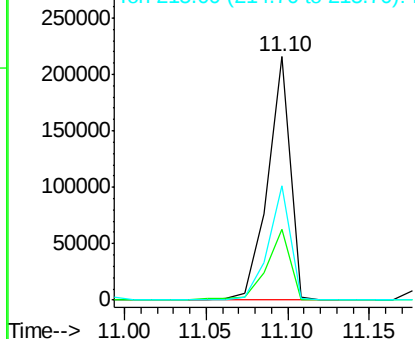
Lab File: BF087727.D

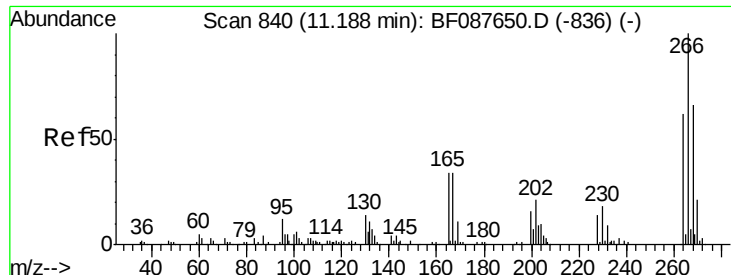
Acq: 6 Jun 2016 00:52

Tgt Ion:	200	Resp:	207641
Ion Ratio	Lower	Upper	
200	100		
173	28.9	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





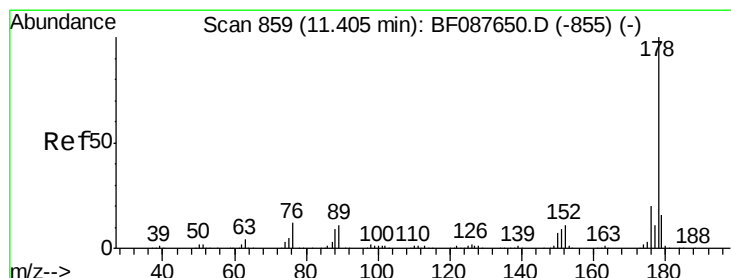
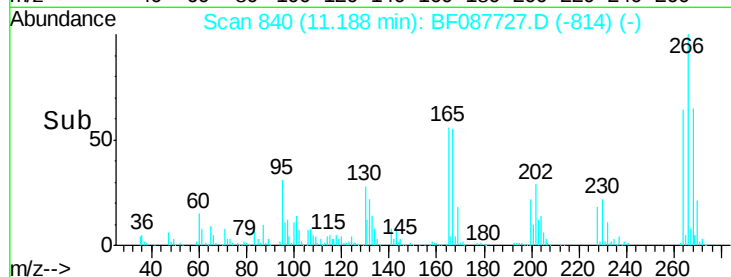
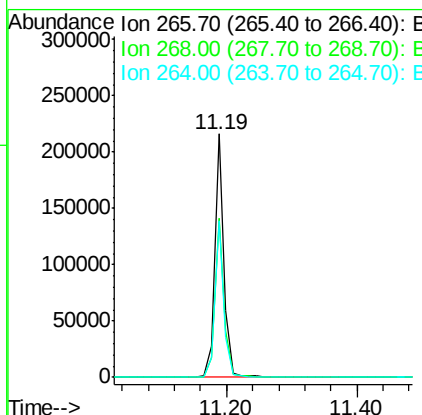
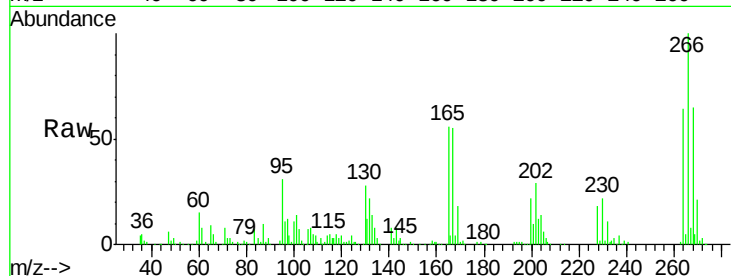
#69
 Pentachlorophenol
 Concen: 80.77 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.8	79.2
264	64.1	49.6	74.4

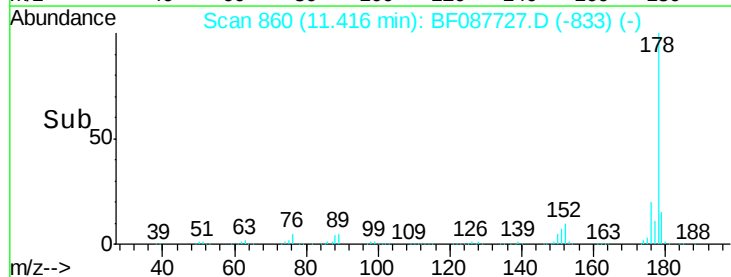
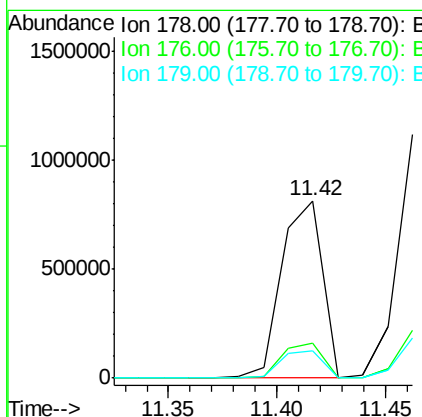
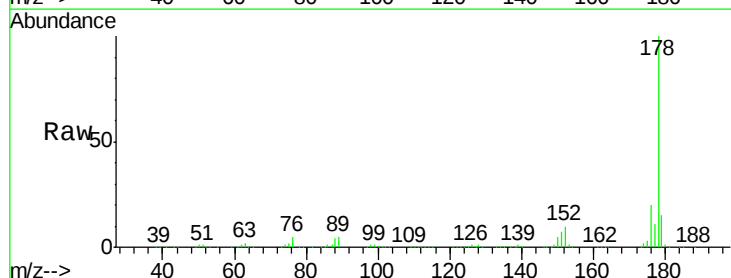
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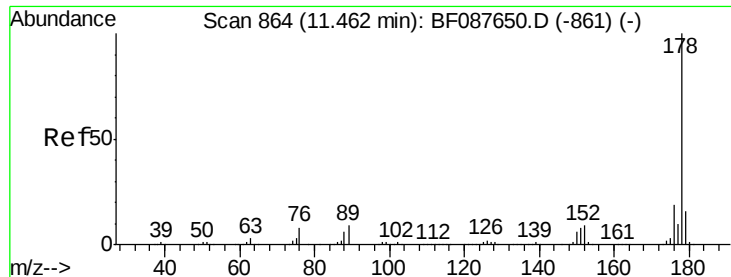
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#70
 Phenanthrene
 Concen: 48.37 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.4	13.0	19.4





#71

Anthracene

Concen: 44.63 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

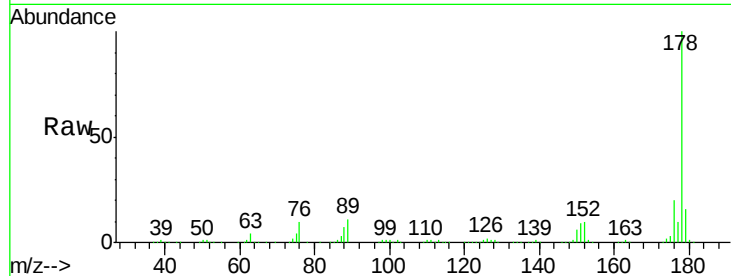
ClientSampleId :

SB-7MSD

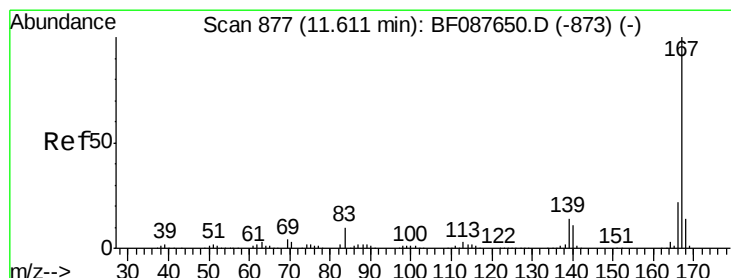
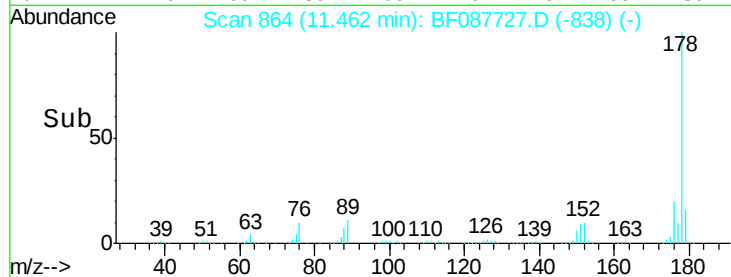
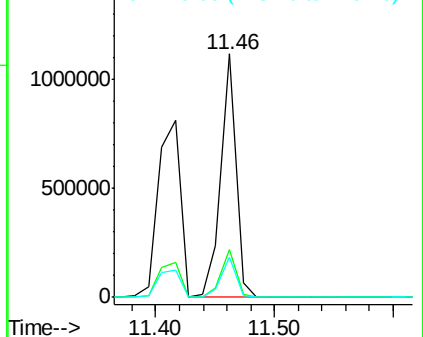
Tot Ion:	178	Resp:	991901
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.6	23.4
179	16.3	12.8	19.2

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



#72

Carbazole

Concen: 48.57 ng

RT: 11.61 min Scan# 877

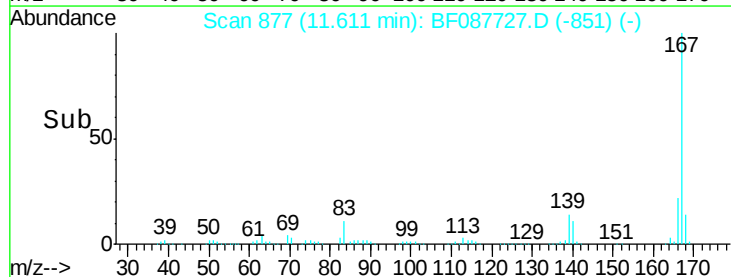
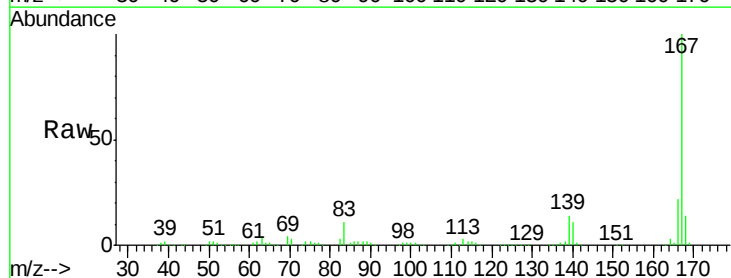
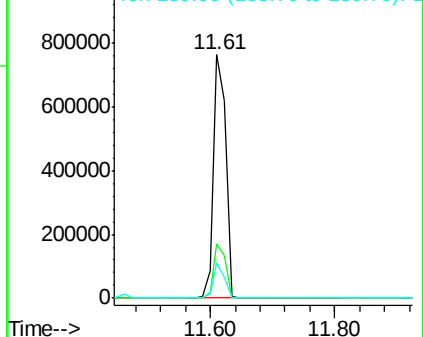
Delta R.T. -0.00 min

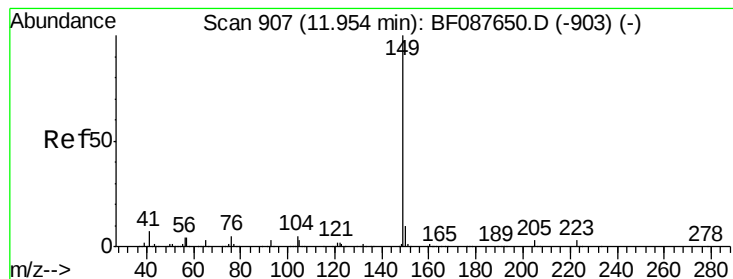
Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:	167	Resp:	1021830
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	14.3	11.2	16.8

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





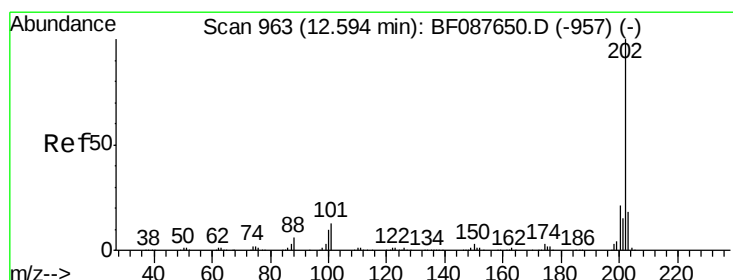
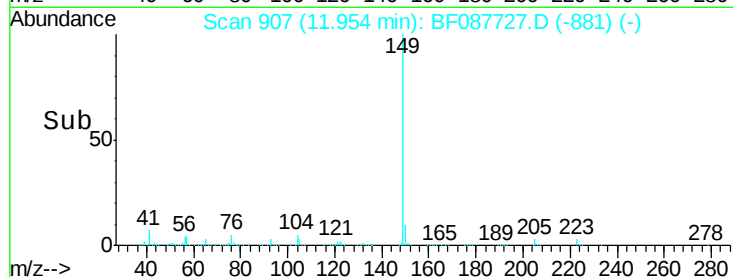
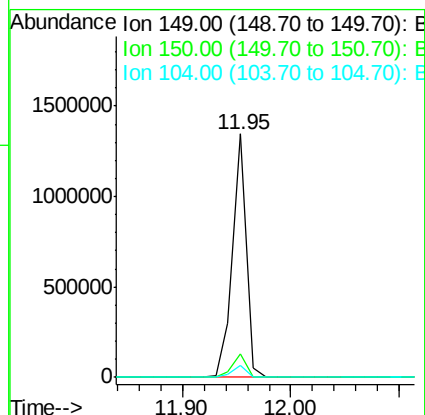
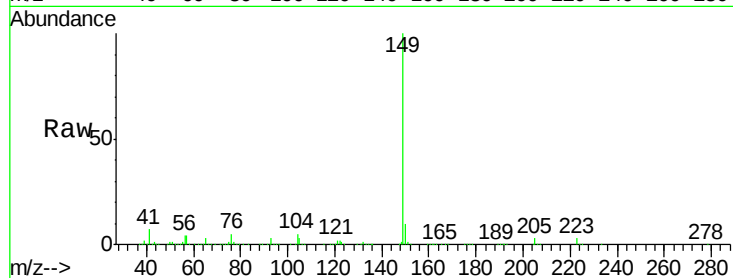
#73
Di-n-butylphthalate
Concen: 52.03 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	4.0	6.0

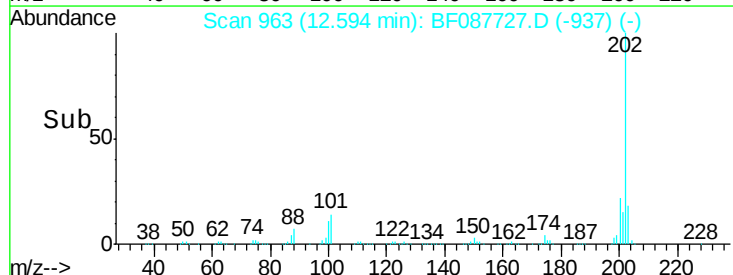
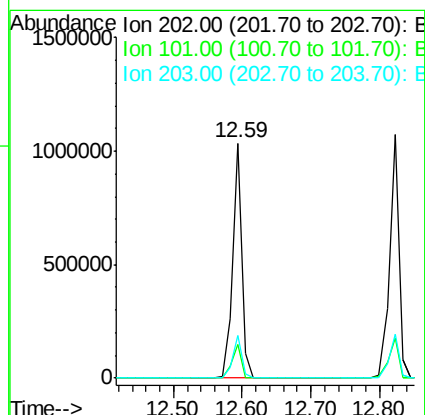
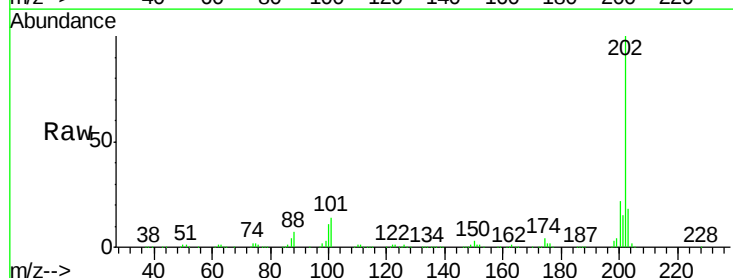
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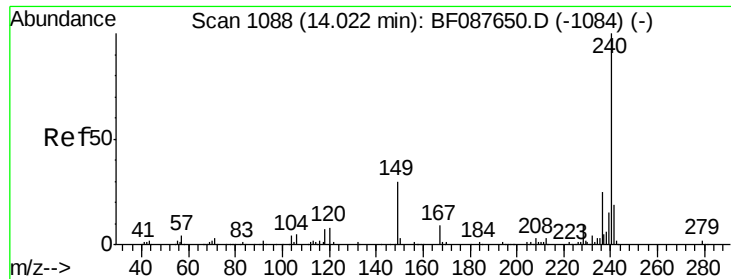
SOHIL
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#74
Fluoranthene
Concen: 44.70 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

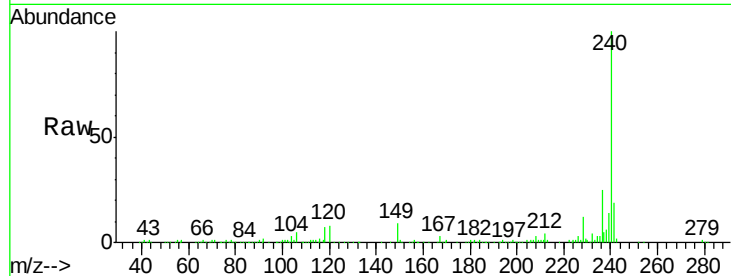
ClientSampleId :

SB-7MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	25.3	20.2	30.2

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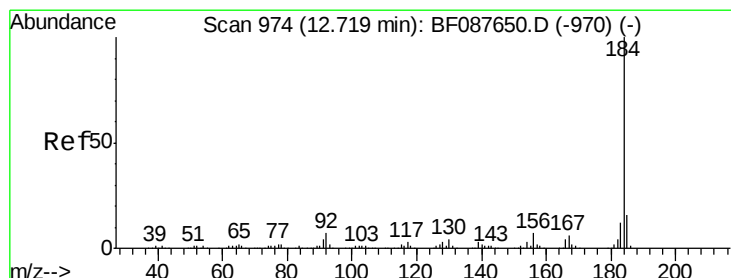
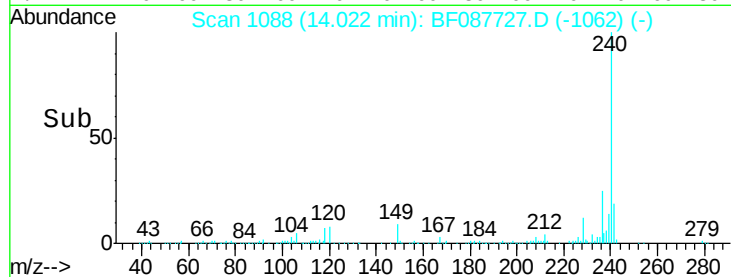
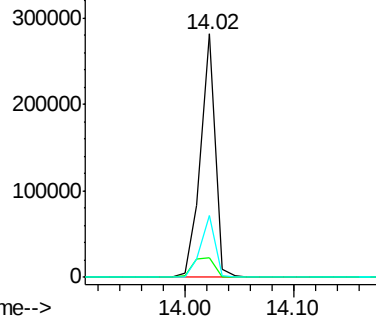
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.22 ng

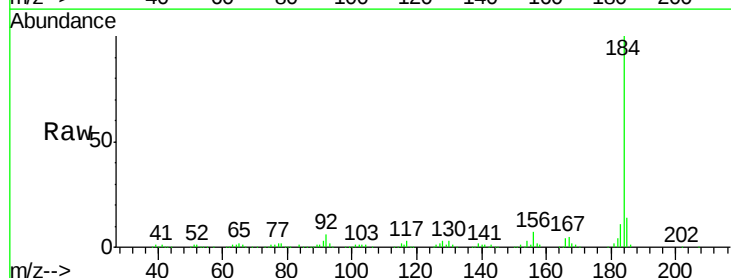
RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

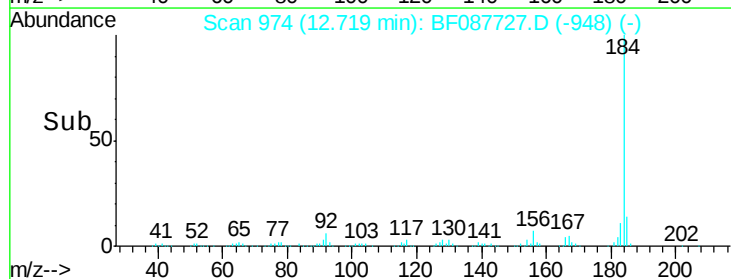
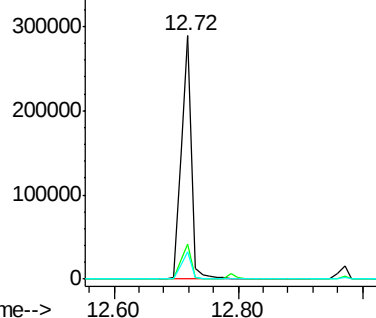
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.5	18.7
183	11.5	9.3	13.9

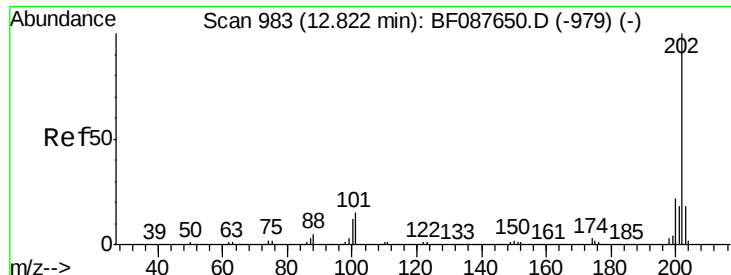


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





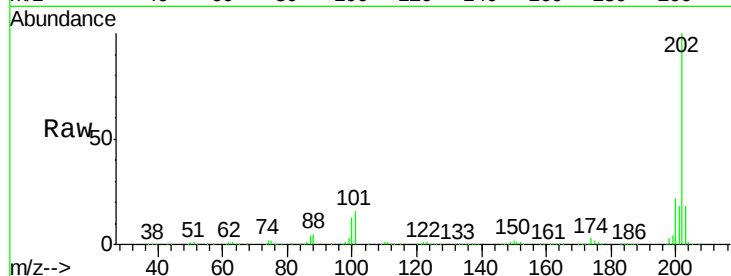
#77
Pvrene
Concen: 54.29 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampled :
SB-7MSD

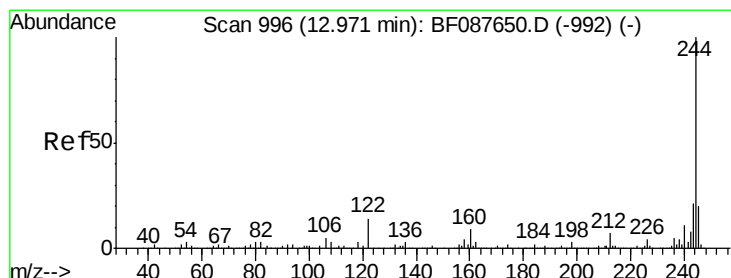
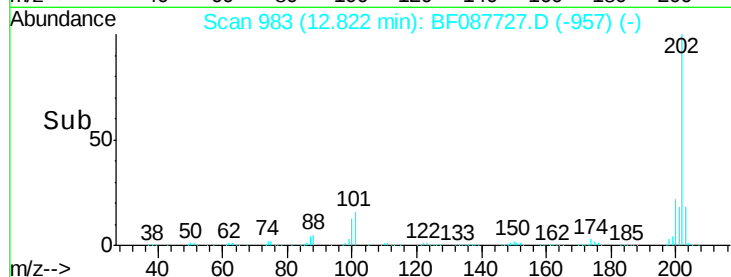
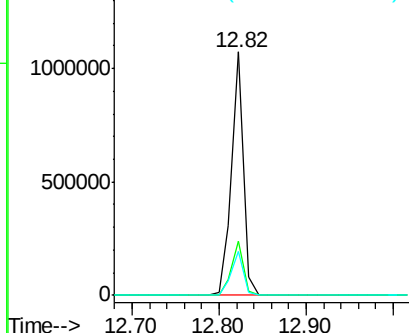
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.2	14.5	21.7

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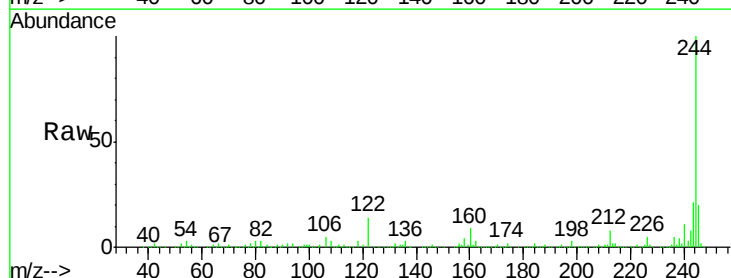


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

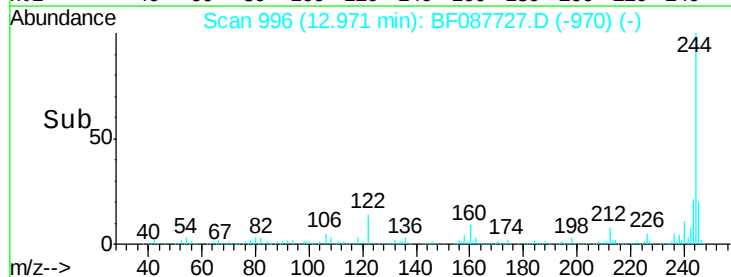
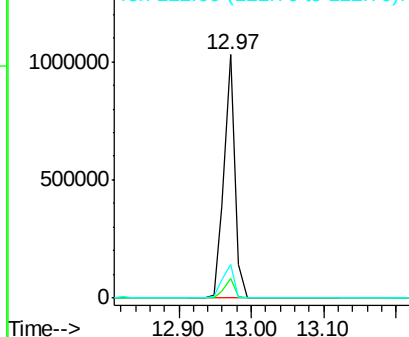


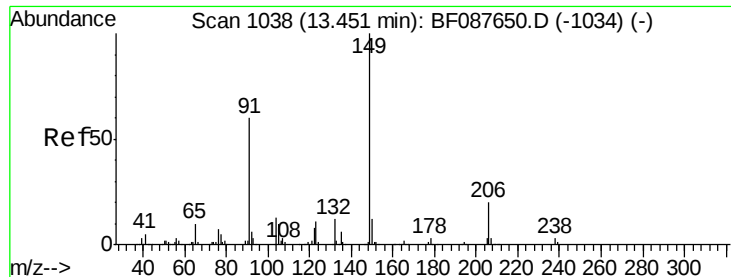
#78
Terphenyl-d14
Concen: 100.59 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.7	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 64.61 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

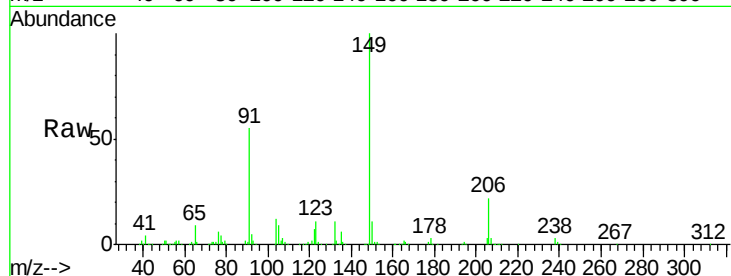
ClientSampleId :

SB-7MSD

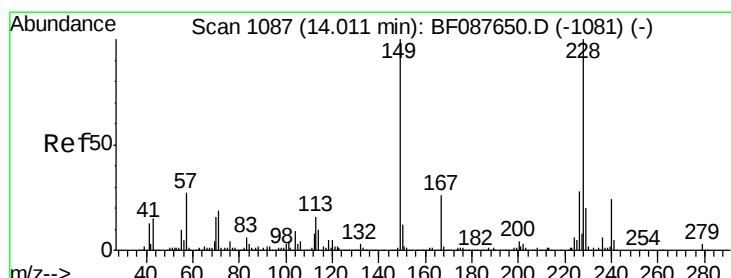
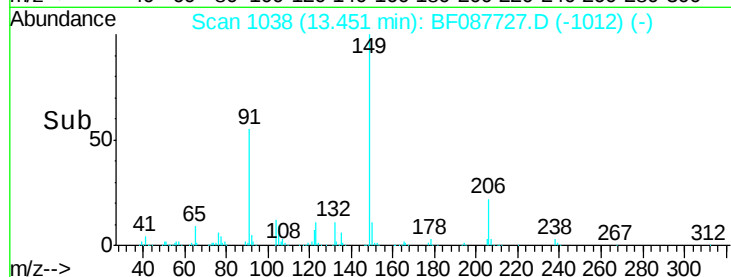
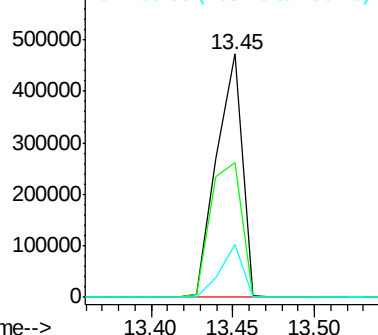
Tot Ion:	149	Resp:	515633
Ion Ratio	Lower	Upper	
149	100		
91	55.4	48.0	72.0
206	21.7	16.0	24.0

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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: 50.13 ng

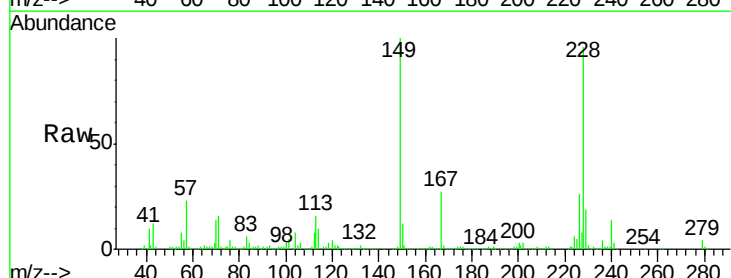
RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

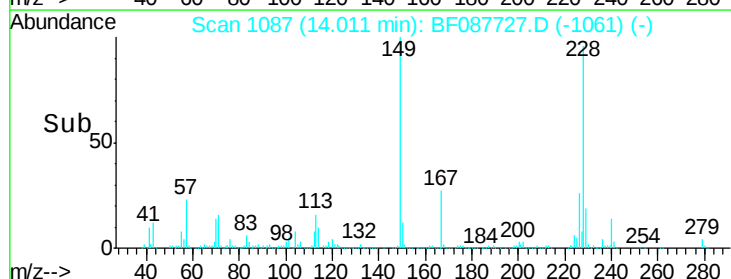
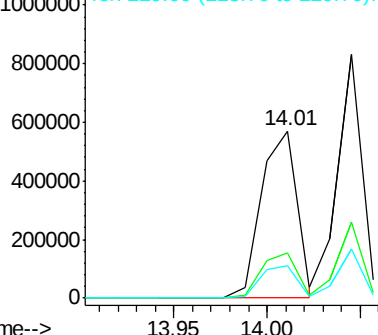
Lab File: BF087727.D

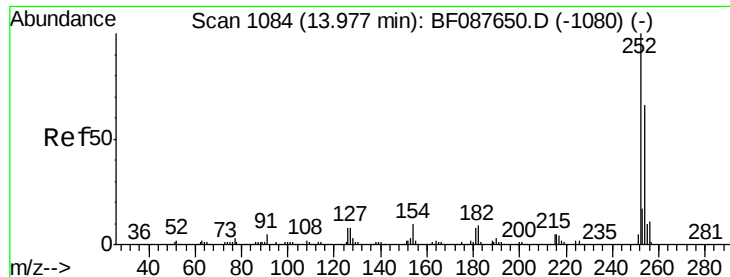
Acq: 6 Jun 2016 00:52

Tgt Ion:	228	Resp:	761838
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.3	33.5
229	19.7	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





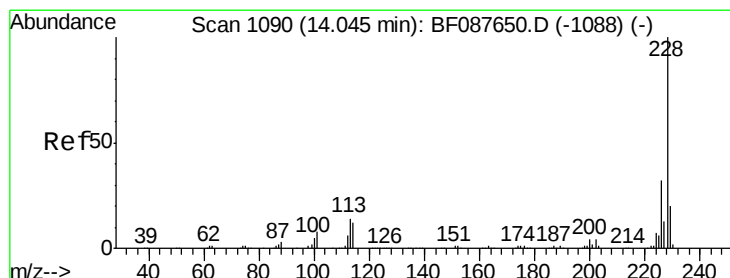
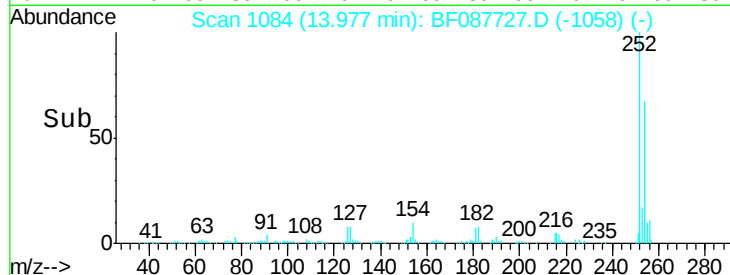
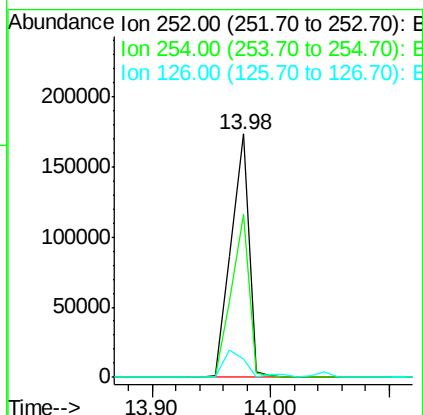
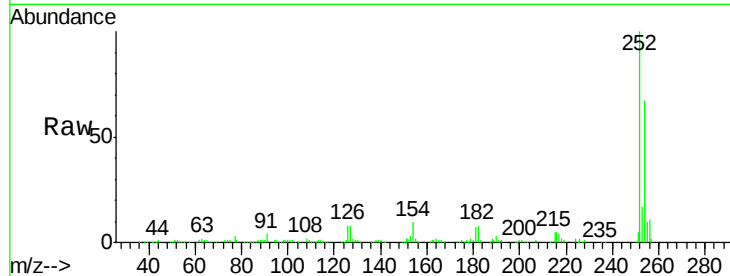
#81
 3,3'-Dichlorobenzidine
 Concen: 42.74 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.6	78.8
126	7.7	6.2	9.2

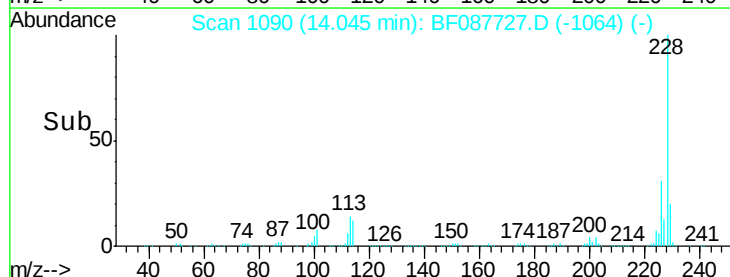
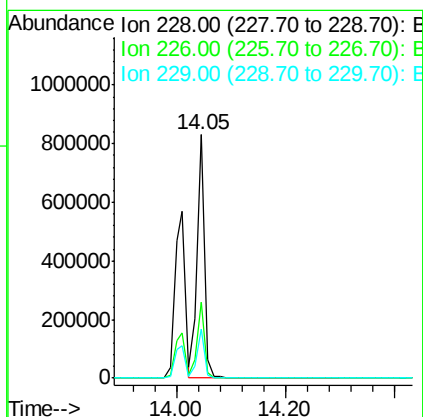
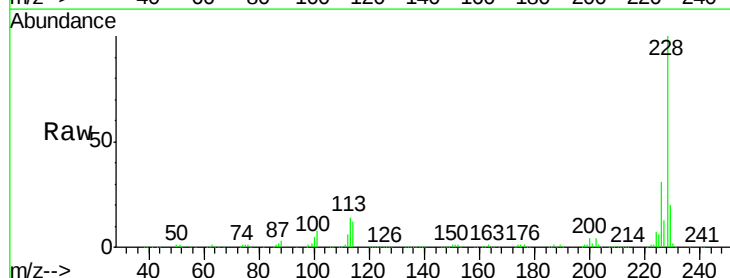
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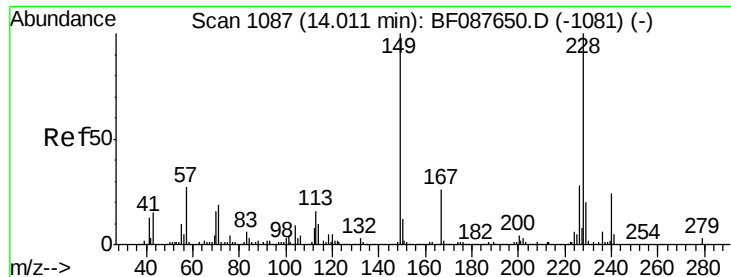
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#82
 Chrysene
 Concen: 51.05 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.2
229	20.2	16.3	24.5





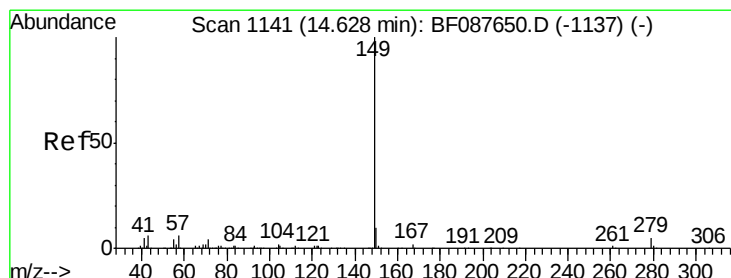
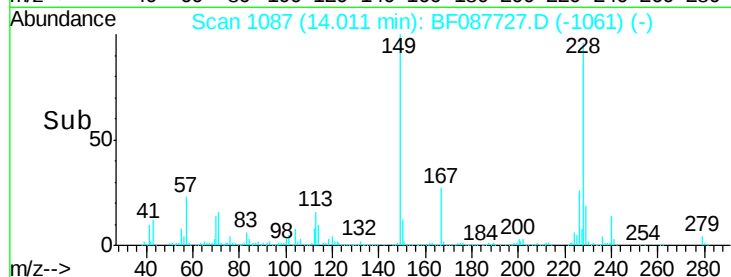
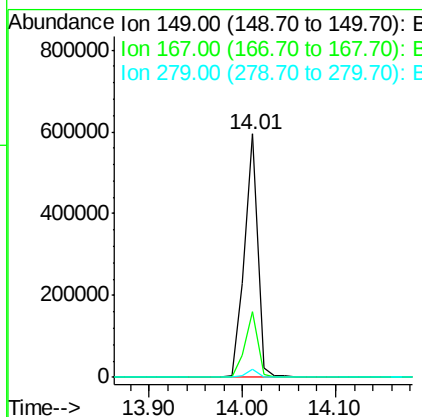
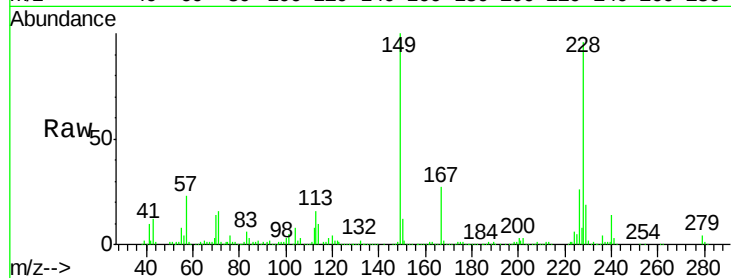
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.07 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	589459		
167	26.8	20.5	30.7	
279	3.5	2.0	3.0	

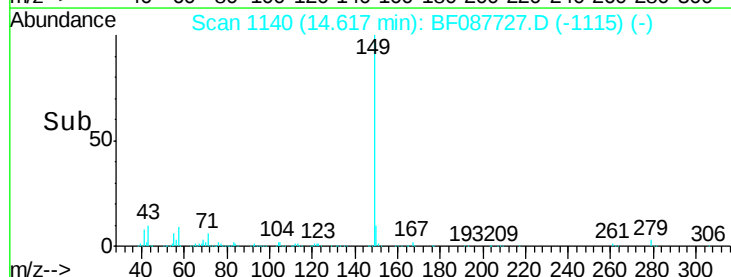
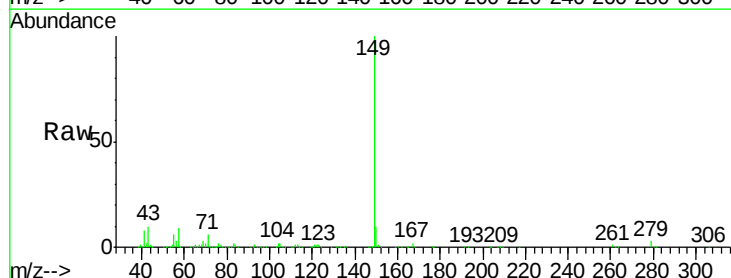
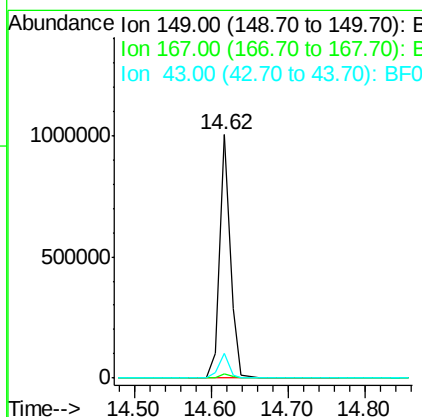
Manual Integrations
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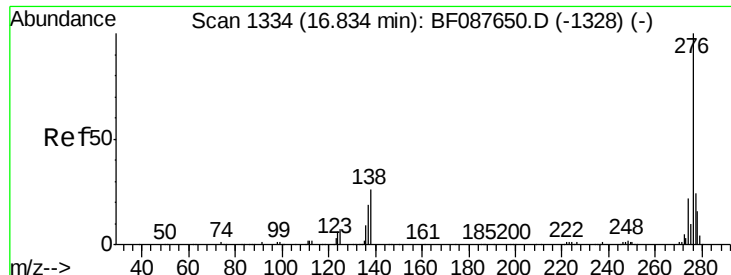
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#84
 Di-n-octyl phthalate
 Concen: 55.07 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	972404		
167	1.5	0.0	0.0	
43	9.8	0.0	0.0	





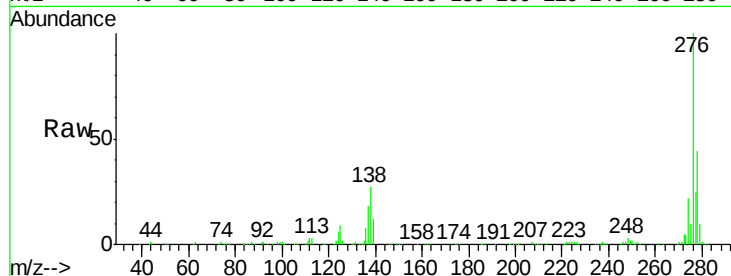
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.97 ng
RT: 16.85 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

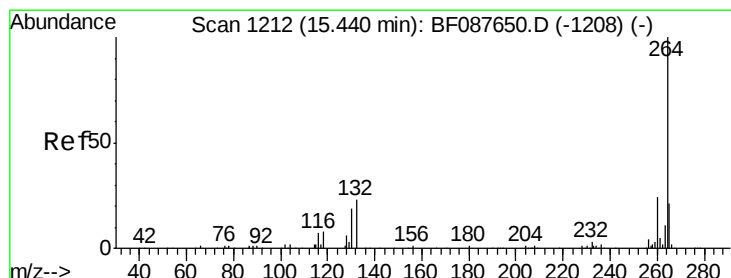
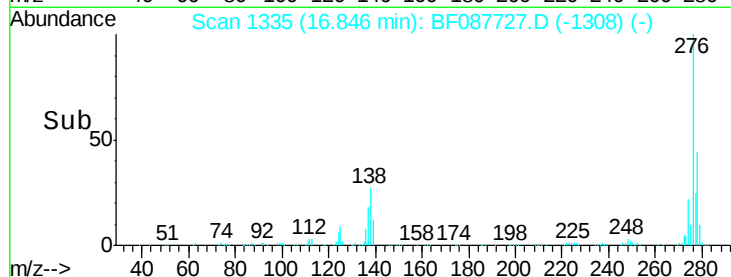
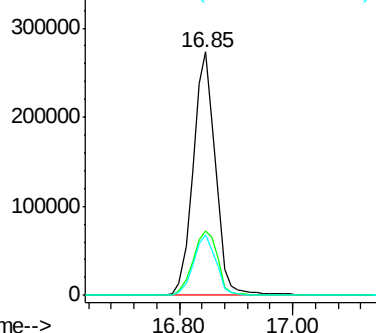
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.6	0.0	0.0#
277	25.3	0.0	0.0#

Manual Integrations
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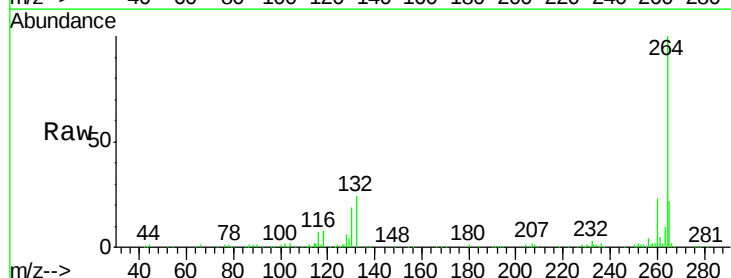


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

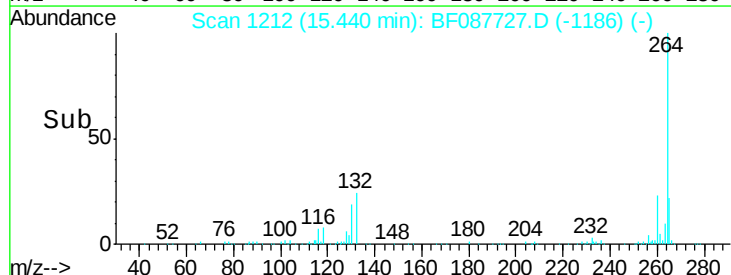
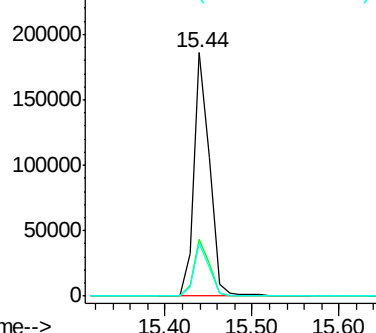


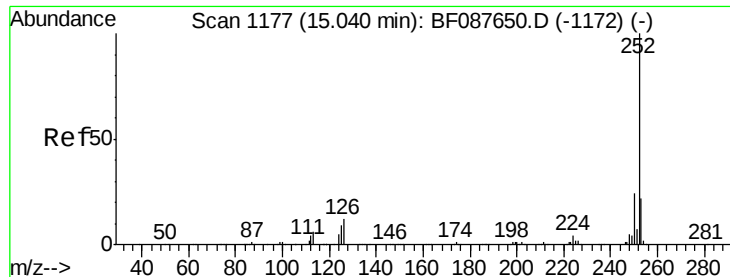
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	16.9	25.3



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





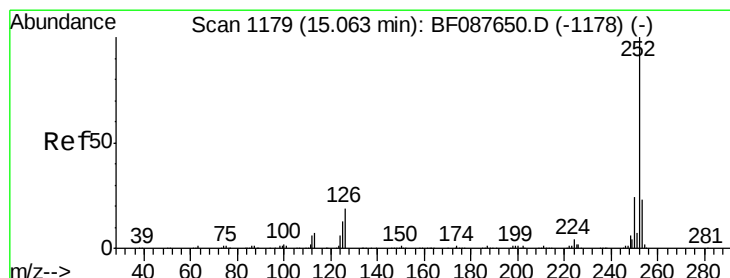
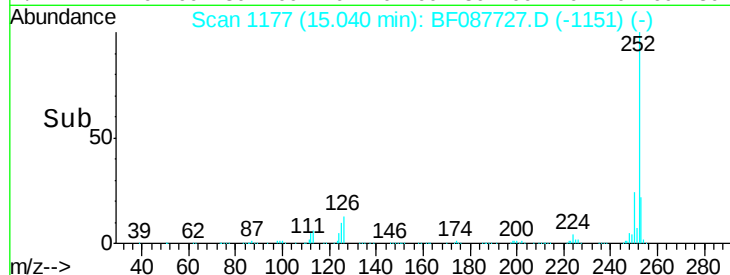
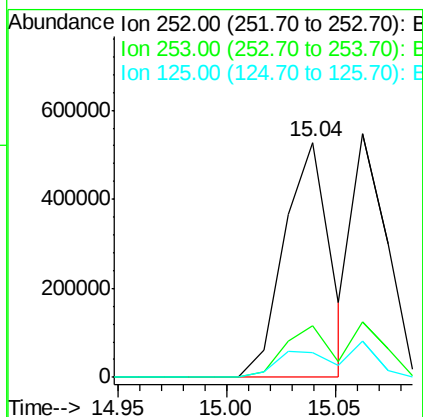
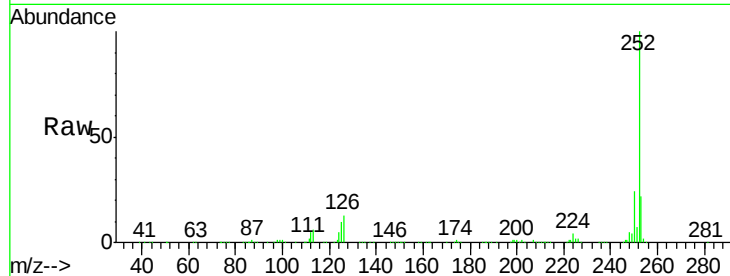
#87
Benzo(b)fluoranthene
Concen: 50.45 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.3	7.1	10.7

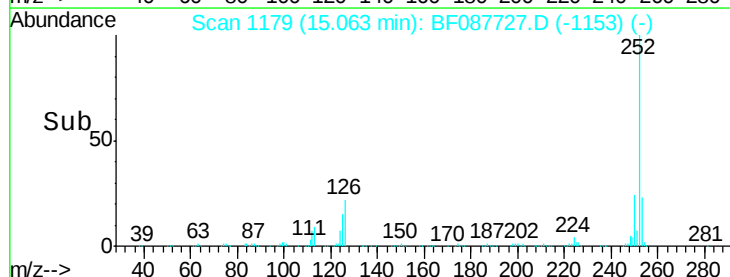
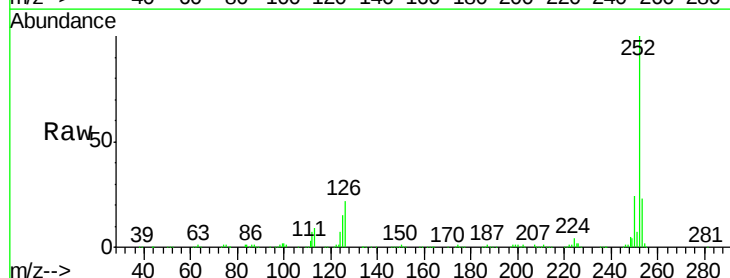
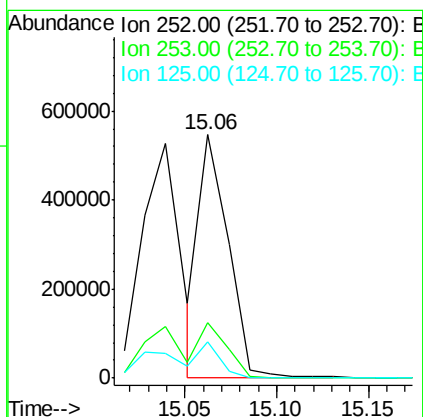
Manual Integrations
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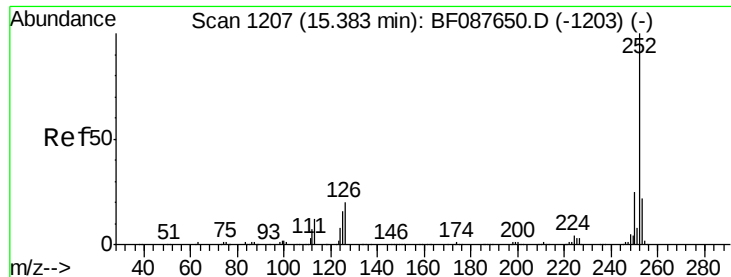
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#88
Benzo(k)fluoranthene
Concen: 47.82 ng m
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.8	11.2	16.8





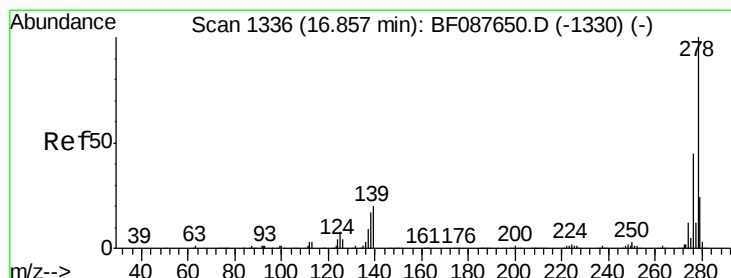
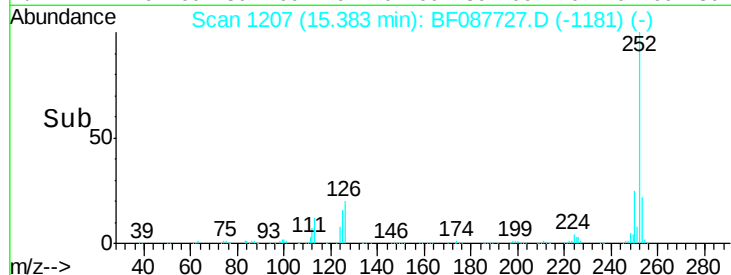
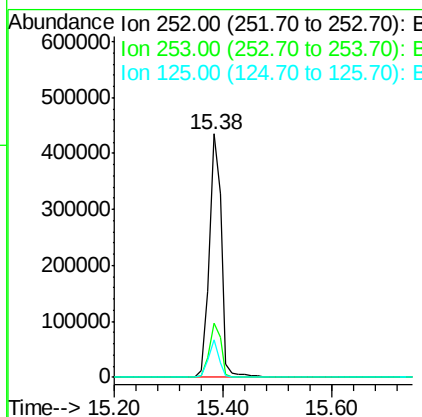
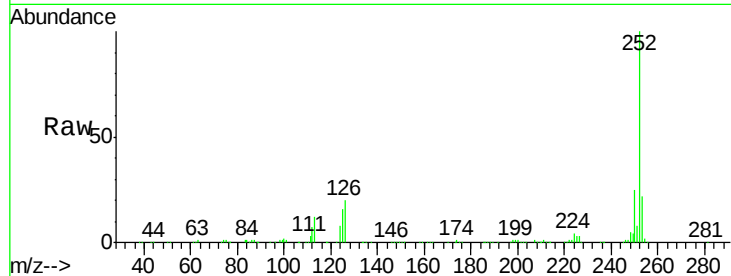
#89
Benzo(a)pyrene
Concen: 52.38 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.6	12.5	18.7

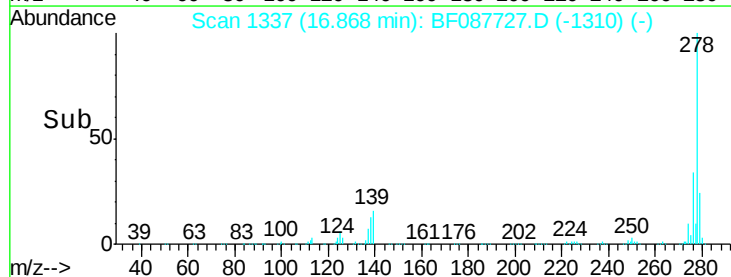
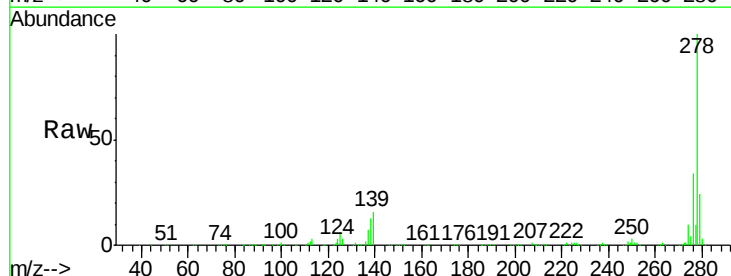
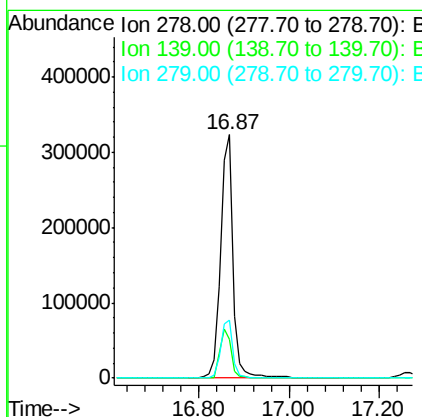
Manual Integrations
APPROVED

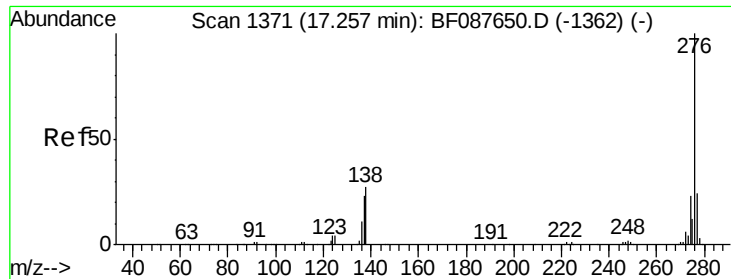
SOHIL
6/6/2016 7:25:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 57.13 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.7	23.5
279	23.8	19.4	29.2





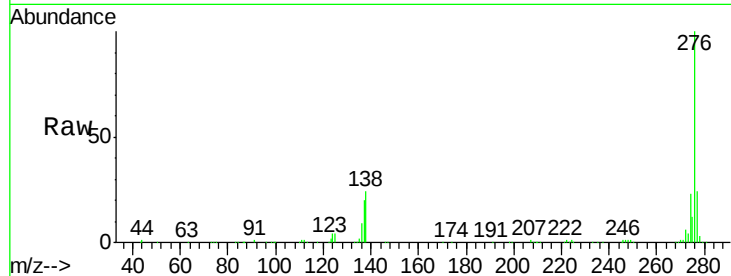
#91
 Benzo(a,h,i)perylene
 Concen: 57.13 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	23.9	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:25:11 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

